

SYLLABUS/ CURRICULUM



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu
Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website: www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-2020

VACCSE1920AF - ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC OF DATA INSIGHTS

OBJECTIVE OF THE COURSE

- The main purpose of this course is to design pattern provides a general reusable solution for the common problems that occur in software design. The pattern typically shows relationships and interactions between classes or objects.
- The objective is to gain a deep understanding of various design patterns available in Analytics foundations.

CHAPTER 1

Introduction to Analytics- Understanding the importance of analytics in decision-making- Overview of analytics tools and techniques- Ethical considerations in data analytics

CHAPTER 2

Data Exploration and Preparation- Collecting and cleaning data- Exploratory data analysis (EDA)- Data visualization techniques

CHAPTER 3

Descriptive Analytics- Summarizing and interpreting data- Key performance indicators (KPIs)- Dashboards and data storytelling-Predictive Analytics- Introduction to predictive modeling- Regression analysis- Classification techniques- Time series forecasting

CHAPTER 4

Prescriptive Analytics- Optimization techniques- Decision trees and decision-making models- Simulation and scenario analysis

CHAPTER 5

Advanced Analytics Applications- Text analytics- Social network analysis- Machine learning algorithms- Big data analytics

CHAPTER 6

Real-world Applications and Case Studies- Applications of analytics in various industries- Case studies highlighting successful analytics implementations- Challenges and future trends in analytics

OUTCOMES

- Upon completion of the course the students will able to understand Analytics foundations.
- Students can able to get the basic knowledge on design patterns in working function.
- Students can able to trouble shoot and able to find the solution the minor problems.

COURSE COORDINATOR

HOD/CSE
PRINCIPAL

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-2020

VACCSE1920AF - ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC OF DATA INSIGHTS COURSE SCHEDULE

| Date | Time | TOPICS |
|----------|------------------------|---|
| 06.04.20 | 9.00 am to 12.30 pm | Introduction to Analytics- Understanding the importance of analytics in decision-making- Overview of analytics tools and techniques- Ethical considerations in data analytics |
| | 1.00 pm to 5.00 pm | |
| 07.04.20 | 9.00 am to 12.30 pm | Data Exploration and Preparation- Collecting and cleaning data- Exploratory data analysis (EDA)- Data visualization techniques |
| | 1.00 pm to 5.00 pm | |
| 08.04.20 | 9.00 am to 12.30 pm | Descriptive Analytics- Summarizing and interpreting data- Key performance indicators (KPIs)- Dashboards and data storytelling Predictive Analytic- Introduction to predictive modelling- Regression analysis- Classification technique- Time series forecasting |
| | 1.00 pm to 5.00 pm | |
| 09.04.20 | 9.00 am to 12.30 pm | Prescriptive Analytics- Optimization techniques- Decision trees and decision-making models- Simulation and scenario analysis |
| | 1.00 pm to 5.00 pm | |
| 10.04.20 | 9.00 am to 12.30 pm | Advanced Analytics Applications- Text analytics- Social network analysis- Machine learning algorithms- Big data analytics |
| | 1.00 pm to 5.00 pm | |
| 11.04.20 | 9.00 am to 12.30 pm | Real-world Applications and Case Studies- Applications of analytics in various industries- Case studies highlighting successful analytics implementations- Challenges and future trends in analytics |
| | 1.00 pm to 5.00 pm | |

Total Hours :35

Tea Break : 10:40 am to 10:55am & 02:45 pm to 15:00 pm

Lunch Break : 12:30pm to 01:00pm

COURSE COORDINATOR

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019– 2020

One page Report

Name of the course : ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC
OF DATA INSIGHTS

Development Course Code : VACCSE1920AF

Course Coordinator : MS.T.NITHYA KALYANI

Date/Duration : 06.04.20-11.04.20— 35 hours

I here affirm that the Second year students of strength 39 have been taught the value-added course title “ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC OF DATA INSIGHTS” as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled “ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC OF DATA INSIGHTS” has been conducted in the beginning of the semester and course delivery along with the attendance of the students was recorded.

I confirmed that all the students were actively participated in the course and the eligible students were certified for the course.

Ms.T.Nithya Kalyani .,
AP/CSE

Course Co-Ordinator

Dr.A.Askarunisa .,
PROF/CSE

Head of the Department

Dr.R.Raja
Principal

PSYEC

ASSESSMENT PROCEDURE



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-2020

VACCSE1920AF - ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC OF DATA INSIGHTS

Assessment Questions with Answer

1. What is the primary goal of analytics in decision-making?
 - A) Increase complexity
 - B) Decrease data collection
 - C) Provide insights for informed decision-making**
 - D) Limit data exploration
2. Which step in data analytics involves collecting and cleaning data to ensure its quality and reliability?
 - A) Data exploration
 - B) Data preparation**
 - C) Descriptive analytics
 - D) Predictive analytics
3. What is the purpose of exploratory data analysis (EDA)?
 - A) To summarize and interpret data
 - B) To predict future outcomes
 - C) To explore patterns and relationships in data**
 - D) To present data visually
4. Which type of analytics focuses on summarizing historical data and understanding past performance?
 - A) Predictive analytics
 - B) Descriptive analytics**
 - C) Prescriptive analytics
 - D) Advanced analytics
5. Which predictive modeling technique is used to predict a continuous outcome variable based on one or more predictor variables?
 - A) Regression analysis**
 - B) Classification techniques
 - C) Time series forecasting
 - D) Optimization techniques

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6. What is the primary goal of prescriptive analytics?
 - A) To summarize historical data
 - B) To predict future outcomes
 - C) To provide recommendations for optimal decisions**
 - D) To explore patterns and relationships in data
7. Which technique is commonly used in prescriptive analytics to find the best solution from a set of possible alternatives?
 - A) Decision trees
 - B) Optimization techniques**
 - C) Regression analysis
 - D) Classification techniques
8. What is the main focus of text analytics?
 - A) Analyzing numerical data
 - B) Analyzing unstructured text data**
 - C) Analyzing image data
 - D) Analyzing audio data
9. Which analytics technique is used to analyze the structure and patterns of social relationships within a network?
 - A) Text analytics
 - B) Social network analysis**
 - C) Machine learning algorithms
 - D) Regression analysis
10. What is the primary challenge in big data analytics?
 - A) Limited computational power
 - B) Lack of data sources
 - C) Managing and analyzing large volumes of data**
 - D) High data quality

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-2020

VACCSE1920AF - ANALYTICS FOUNDATIONS: EXPLORING THE MAGIC OF DATA INSIGHTS

Assessment Test Paper

9
10

REGISTER NUMBER: 912018104039

NAME OF THE STUDENT: Swara Prakash G.

1. What is the primary goal of analytics in decision-making?
 - A) Increase complexity
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- A) Text analytics
 - B) Social network analysis
 - C) Machine learning algorithms
 - D) Regression analysis
10. What is the primary challenge in big data analytics?
- A) Limited computational power
 - B) Lack of data sources
 - C) Managing and analyzing large volumes of data
 - D) High data quality

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT PERFORMANCE SHEET

Academic Year : 2019-2020

Course Code : VACCSE1920AF

Course Name : Analytics Foundations: Exploring the Magic of Data Insights

Duration of hours : 35

Period of Course : 06.04.20-11.04.20

| Sl.No | Register Number | Student Name | Mark |
|-------|-----------------|----------------------|------|
| 1 | 912018104001 | ABINAYA H | 99 |
| 2 | 912018104002 | ABINAYA K | 98 |
| 3 | 912018104003 | AKSHAYA S | 94 |
| 4 | 912018104005 | BASKARASETHUPATHI S | 89 |
| 5 | 912018104007 | DIVYA T | 85 |
| 6 | 912018104008 | GAYATHIRI P | 83 |
| 7 | 912018104011 | HARIHARAN M | 80 |
| 8 | 912018104012 | JEGATHEESAN K | 93 |
| 9 | 912018104013 | JOTHIARUL R | 91 |
| 10 | 912018104014 | KARTHIK RAJA K | 89 |
| 11 | 912018104015 | KAVIYA B | 80 |
| 12 | 912018104016 | KOKILA V | 81 |
| 13 | 912018104017 | LALITHA LAKSHMI K | 84 |
| 14 | 912018104018 | MAGESHKUMAR S | 83 |
| 15 | 912018104019 | MUTHU MOHAMMAD K | 85 |
| 16 | 912018104020 | NAGAPRIYADHARSHINI M | 80 |
| 17 | 912018104021 | NAGARAJ D | 98 |
| 18 | 912018104022 | NAVEEN G | 94 |
| 19 | 912018104023 | PARTHIBAN N | 95 |
| 20 | 912018104024 | PRADEEP S | 99 |

| | | | |
|----|--------------|------------------------------------|-----|
| 21 | 912018104025 | PRAKASHRAJ P | 79 |
| 22 | 912018104026 | PREETHI S | 80 |
| 23 | 912018104027 | PRIYANGA S | 83 |
| 24 | 912018104028 | RAMKUMAR K | 93 |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | 94 |
| 26 | 912018104030 | SANKAR V | 88 |
| 27 | 912018104031 | SATHYA K | 89 |
| 28 | 912018104032 | SATHYA P | 84 |
| 29 | 912018104033 | SHIVANI S | 86 |
| 30 | 912018104034 | SIVA A | 90 |
| 31 | 912018104036 | SOWMIYA R | 99 |
| 32 | 912018104037 | SUDHARSANAN PV | 100 |
| 33 | 912018104038 | SUNSUBHA M | 91 |
| 34 | 912018104039 | SURIYA PRAKASH G | 90 |
| 35 | 912018104040 | SWETHA S | 79 |
| 36 | 912018104041 | VINOTHKUMAR S | 89 |
| 37 | 912018104042 | VISHALGOVINDHAN K | 90 |
| 38 | 912018104043 | YUGESWARI G | 100 |
| 39 | 912018104701 | KABIL G | 91 |

COURSE COORDINATOR

HOD/CSE

PRINCIPAL

R RAJA

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Enrollment
Student Name
List

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT REGISTRATION SHEET

Academic Year : 2019-2020

Course Code : VACCSE1920AF

Course Name : Analytics Foundations: Exploring the Magic of Data Insights

Duration of hours : 35

Period of Course : 06.04.20-11.04.20.

| ENROLLED STUDENTS LIST | | | Signature |
|-------------------------------|------------------------|----------------------|-----------------------|
| SI.NO | Register Number | Student Name | |
| 1 | 912018104001 | ABINAYA H | Abinaya |
| 2 | 912018104002 | ABINAYA K | Abinaya K |
| 3 | 912018104003 | AKSHAYA S | Akshaya |
| 4 | 912018104005 | BASKARASETHUPATHI S | Baskar |
| 5 | 912018104007 | DIVYA T | Divya .T |
| 6 | 912018104008 | GAYATHIRI P | Gayathri |
| 7 | 912018104011 | HARIHARAN M | Hariharan |
| 8 | 912018104012 | JEGATHEESAN K | Jegan |
| 9 | 912018104013 | JOTHIARUL R | Jothiarul. R. |
| 10 | 912018104014 | KARTHIK RAJA K | Karthik |
| 11 | 912018104015 | KAVIYA B | Kaviya |
| 12 | 912018104016 | KOKILA V | Kokila |
| 13 | 912018104017 | LALITHA LAKSHMI K | Lalitha Lakshmi |
| 14 | 912018104018 | MAGESHKUMAR S | Mageshkumar |
| 15 | 912018104019 | MUTHU MOHAMMAD K | Muthu Mohammad. K. |
| 16 | 912018104020 | NAGAPRIYADHARSHINI M | Naga Priyadarshini M. |
| 17 | 912018104021 | NAGARAJ D | Nagaraj |
| 18 | 912018104022 | NAVEEN G | Navneen. |

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|----|--------------|------------------------------------|--------------------------------|
| 19 | 912018104023 | PARTHIBAN N | Parthiban N |
| 20 | 912018104024 | PRADEEP S | Pradeep S |
| 21 | 912018104025 | PRAKASHRAJ P | PraKashraj P |
| 22 | 912018104026 | PREETHI S | Preethi S |
| 23 | 912018104027 | PRIYANGA S | Priyanga S. |
| 24 | 912018104028 | RAMKUMAR K | Ram Kumar K |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | Samrat Ashok Chakkaworthy A.K. |
| 26 | 912018104030 | SANKAR V | Sankar V. |
| 27 | 912018104031 | SATHYA K | Sathya K. |
| 28 | 912018104032 | SATHYA P | Sathya P. |
| 29 | 912018104033 | SHIVANI S | Shivani S. |
| 30 | 912018104034 | SIVA A | Siva A. |
| 31 | 912018104036 | SOWMIYA R | Sowmiya R. |
| 32 | 912018104037 | SUDHARSANAN PV | Sudharsango PV. |
| 33 | 912018104038 | SUNSUBHA M | Sun Subha M. |
| 34 | 912018104039 | SURIYA PRAKASH G | Suriya Prakash G. |
| 35 | 912018104040 | SWETHA S | Swetha S. |
| 36 | 912018104041 | VINOTHKUMAR S | Vinothkumar S. |
| 37 | 912018104042 | VISHALGOVINDHAN K | VishalGovindhan K. |
| 38 | 912018104043 | YUGESWARI G | Yugeswari G. |
| 39 | 912018104701 | KABIL G | Kabil G. |

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COURSE COORDINATOR

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STUDENTS ATTENDANCE

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2019-2020
 Course Code : VACCSE1920AF
 Course Name : Analytics Foundations: Exploring the Magic of Data Insights
 Duration of hours : 35
 Period of Course : 06.04.20-11.04.20

| Attendance Sheet | | | Date: 06/04/2020 | | | | | |
|------------------|--------------------|----------------------|------------------|-------|-------|-------|-------|-------|
| Sl. No | Register Number | Student Name | 09.00 | 10.00 | 11.15 | 01.00 | 02.00 | 03.15 |
| | | | am - | am - | am - | pm - | pm - | pm - |
| | | | 10.00 | 11.00 | 12.15 | 02.00 | 03.00 | 04.15 |
| | | | am | am | pm | pm | pm | pm |
| 1 | 912018104001 | ABINAYA H | Ahi | Ahi | Ahi | Ahi | Ahi | Ahi |
| 2 | 912018104002 | ABINAYA K | Abi | Abi | Abi | Abi | Abi | Abi |
| 3 | 912018104003 | AKSHAYA S | Asi | Asi | Asi | Asi | Asi | Asi |
| 4 | 912018104005 | BASKARA SETHUPATHI S | Bas | Bas | Bas | Bas | Bas | Bas |
| 5 | 912018104007 | DIVYA T | Di | Di | Di | Di | Di | Di |
| 6 | 912018104008 | GAYATHIRI P | Gey | Gey | Gey | Gey | Gey | Gey |
| 7 | 912018104011 | HARIHARAN M | Hi | Hi | Hi | Hi | Hi | Hi |
| 8 | 912018104012 | JEGATHEESAN K | Ji | Ji | Ji | Ji | Ji | Ji |
| 9 | 912018104013 | JOTHIARUL R | Jothi | Jothi | Jothi | Jothi | Jothi | Jothi |
| 10 | 912018104014 | KARTHIK RAJA K | Kothi | Kothi | Kothi | Kothi | Kothi | Kothi |

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| 11 | 912018104015 | KAVIYA B | B-fci |
| 12 | 912018104016 | KOKILA V | Rk |
| 13 | 912018104017 | LALITHA LAKSHMI K | Lali |
| 14 | 912018104018 | MAGESHKUMAR S | D | D | D | D | D | D | D |
| 15 | 912018104019 | MUTHU MOHAMMAD K | K.M |
| 16 | 912018104020 | NAGA PRIYADHARSHINI M | Naga |
| 17 | 912018104021 | NAGARAJ D | Dag |
| 18 | 912018104022 | NAVEEN G | M |
| 19 | 912018104023 | PARTHIBAN N | Pathi |
| 20 | 912018104024 | PRADEEP S | Psck |
| 21 | 912018104025 | PRAKASHRAJ P | Pw |
| 22 | 912018104026 | PREETHI S | Prethi |
| 23 | 912018104027 | PRIYANGA S | Priyngs |
| 24 | 912018104028 | RAMKUMAR K | Rakhi |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHÝ A K | Sam |
| 26 | 912018104030 | SANKAR V | Se |
| 27 | 912018104031 | SATHYA K | Sathya |
| 28 | 912018104032 | SATHYA P | Se |
| 29 | 912018104033 | SHIVANI S | Shi |
| 30 | 912018104034 | SIVA A | Siva |
| 31 | 912018104036 | SOWMIYA R | Sowmi |


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| 32 | 912018104037 | SUDHARSANAN PV | SP | SP | SP | SP | SP | SP |
| 33 | 912018104038 | SUNSUBHA M | Shr | Shr | Shr | Shr | Shr | Shr |
| 34 | 912018104039 | SURIYA PRAKASH G | Sp | Sp | Sp | Sp | Sp | Sp. |
| 35 | 912018104040 | SWETHA S | Stre | Stre | Stre | Stre | Stre | Stre |
| 36 | 912018104041 | VINOTHKUMAR S | Vinoth | Vinoth | Vinoth | Vinoth | Vinoth | Vinoth |
| 37 | 912018104042 | VISHALGOVINDHAN K | X | X | X | X | X | X |
| 38 | 912018104043 | YUGESWARI G | X | X | X | X | X | X |
| 39 | 912018104701 | KABIL G | Kabil | Kabil | Kabil | Kabil | Kabil | Kabil |

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

COURSE COORDINATOR

HOD/CSE

PRINCIPAL

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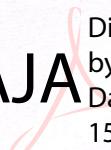
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| 4 | 912018104005 | BASKARA SETHUPATHI S | Bab | Bab | Bab | Bab | Bab | Bab |
| 5 | 912018104007 | DIVYA T | Dj | Dj | Dj | Dj | Dj | Dj |
| 6 | 912018104008 | GAYATHIRI P | Cup | Cup | Cup | Cup | Cup | Cup |
| 7 | 912018104011 | HARIHARAN M | hi | hi | hi | hi | hi | hi |
| 8 | 912018104012 | JEGATHEESAN K | Le | Le | Le | Le | Le | Le |
| 9 | 912018104013 | JOTHIARUL R | Jothi | Jothi | Jothi | Jothi | Jothi | Jothi |
| 10 | 912018104014 | KARTHIK RAJA K | Kutti | Kutti | Kutti | Kutti | Kutti | Kutti |

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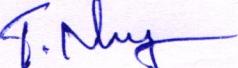
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|----|--------------|---------------------------------|----------|----------|----------|----------|----------|----------|----------|
| 11 | 912018104015 | KAVIYA B | B-fee |
| 12 | 912018104016 | KOKILA V | Q | Q | Q | Q | Q | Q | Q |
| 13 | 912018104017 | LALITHA LAKSHMI K | Lekhi |
| 14 | 912018104018 | MAGESHKUMAR S | DB |
| 15 | 912018104019 | MUTHU MOHAMMAD K | Muthu |
| 16 | 912018104020 | NAGA PRIYADHARSHINI M | Naga |
| 17 | 912018104021 | NAGARAJ D | PF |
| 18 | 912018104022 | NAVEEN G | PN |
| 19 | 912018104023 | PARTHIBAN N | Pathi |
| 20 | 912018104024 | PRADEEP S | Praedp |
| 21 | 912018104025 | PRAKASHRAJ P | Prav |
| 22 | 912018104026 | PREETHI S | Preethi |
| 23 | 912018104027 | PRIYANGA S | Priyanga |
| 24 | 912018104028 | RAMKUMAR K | Rakku |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | Sam |
| 26 | 912018104030 | SANKAR V | San |
| 27 | 912018104031 | SATHYA K | Sathyka |
| 28 | 912018104032 | SATHYA P | Sau |
| 29 | 912018104033 | SHIVANI S | Sif |
| 30 | 912018104034 | SIVA A | Siva |
| 31 | 912018104036 | SOWMIYA R | Sowmi |

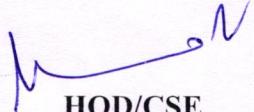
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| | | | | | | | | | |
|----|--------------|-------------------|------|------|------|------|------|------|------|
| 32 | 912018104037 | SUDHARSANAN PV | Sp |
| 33 | 912018104038 | SUNSUBHA M | Sh |
| 34 | 912018104039 | SURIYA PRAKASH G | SP |
| 35 | 912018104040 | SWETHA S | Sth |
| 36 | 912018104041 | VINOTHKUMAR S | vnth |
| 37 | 912018104042 | VISHALGOVINDHAN K | Vn |
| 38 | 912018104043 | YUGESWARI G | Y | Y | Y | Y | Y | Y | Y |
| 39 | 912018104701 | KABIL G | Kbil |

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm


COURSE COORDINATOR


HOD/CSE


PRINCIPAL

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2019-2020

Course Code : VACCSE1920AF

Course Name : Analytics Foundations: Exploring the Magic of Data Insights

Duration of hours : 35

Period of Course : 06.04.20-11.04.20

| Attendance Sheet | | | Date: 08/04/2020 | | | | | |
|------------------|--------------------|----------------------|------------------|-------|-------|-------|-------|-------|
| Sl. No | Register Number | Student Name | 09.00 | 10.00 | 11.15 | 01.00 | 02.00 | 03.15 |
| | | | am - | am - | am - | pm - | pm - | pm - |
| | | | 10.00 | 11.00 | 12.15 | 02.00 | 03.00 | 04.15 |
| | | | am | am | pm | pm | pm | pm |
| 1 | 912018104001 | ABINAYA H | Abi | Abi | Abi | Abi | Abi | Abi |
| 2 | 912018104002 | ABINAYA K | Abi | Abi | Abi | Abi | Abi | Abi |
| 3 | 912018104003 | AKSHAYA S | As | As | As | As | As | As |
| 4 | 912018104005 | BASKARA SETHUPATHI S | Bas | Bas | Bas | Bas | Bas | Bas |
| 5 | 912018104007 | DIVYA T | Di | Di | Di | Di | Di | Di |
| 6 | 912018104008 | GAYATHIRI P | Cep | Cep | Cep | Cep | Cep | Cep |
| 7 | 912018104011 | HARIHARAN M | hi | hi | hi | hi | hi | hi |
| 8 | 912018104012 | JEGATHEESAN K | L | L | L | L | L | L |
| 9 | 912018104013 | JOTHIARUL R | Jothi | Jothi | Jothi | Jothi | Jothi | Jothi |
| 10 | 912018104014 | KARTHIK RAJA K | Kethi | Kethi | Kethi | Kethi | Kethi | Kethi |

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|----|--------------|---------------------------------|----------|----------|----------|----------|----------|----------|----------|
| 11 | 912018104015 | KAVIYA B | B.Jay |
| 12 | 912018104016 | KOKILA V | ko |
| 13 | 912018104017 | LALITHA LAKSHMI K | lalit |
| 14 | 912018104018 | MAGESHKUMAR S | mag |
| 15 | 912018104019 | MUTHU MOHAMMAD K | Muthu |
| 16 | 912018104020 | NAGA PRIYADHARSHINI M | naga |
| 17 | 912018104021 | NAGARAJ D | nr |
| 18 | 912018104022 | NAVEEN G | nav |
| 19 | 912018104023 | PARTHIBAN N | parti |
| 20 | 912018104024 | PRADEEP S | Pradp |
| 21 | 912018104025 | PRAKASHRAJ P | Raj |
| 22 | 912018104026 | PREETHI S | Preethi |
| 23 | 912018104027 | PRIYANGA S | Priyanga |
| 24 | 912018104028 | RAMKUMAR K | Rakku |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | Samrat | Sam | Sam | Sam | Sam | Sam | Sam |
| 26 | 912018104030 | SANKAR V | Sanku |
| 27 | 912018104031 | SATHYA K | Sathy |
| 28 | 912018104032 | SATHYA P | Sa |
| 29 | 912018104033 | SHIVANI S | Si |
| 30 | 912018104034 | SIVA A | Siva |
| 31 | 912018104036 | SOWMIYA R | Sowmi |

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| | | | | | | | | | |
|----|--------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
| 32 | 912018104037 | SUDHARSANAN PV | SP |
| 33 | 912018104038 | SUNSUBHA M | Sh |
| 34 | 912018104039 | SURIYA PRAKASH G | SP |
| 35 | 912018104040 | SWETHA S | St |
| 36 | 912018104041 | VINOTHKUMAR S | Wt |
| 37 | 912018104042 | VISHALGOVINDHAN K | Wt |
| 38 | 912018104043 | YUGESWARI G | Y | Y | Y | Y | Y | Y | Y |
| 39 | 912018104701 | KABIL G | Kabil |

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

COURSE COORDINATOR

HOD/CSE



PRINCIPAL

R RAJA

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2019-2020
Course Code : VACCSE1920AF
Course Name : Analytics Foundations: Exploring the Magic of Data Insights
Duration of hours : 35
Period of Course : 06.04.20-11.04.20

| Attendance Sheet | | | Date: 09/04/2020 | | | | | |
|------------------|--------------------|----------------------|------------------|--------|--------|--------|--------|--------|
| Sl. No | Register Number | Student Name | 09.00 | 10.00 | 11.15 | 01.00 | 02.00 | 03.15 |
| | | | am - | am - | am - | pm - | pm - | pm - |
| | | | 10.00 | 11.00 | 12.15 | 02.00 | 03.00 | 04.15 |
| | | | am | am | pm | pm | pm | pm |
| 1 | 912018104001 | ABINAYA H | Abi | Abi | Abi | Abi | Abi | Abi |
| 2 | 912018104002 | ABINAYA K | Abi | Abi | Abi | Abi | Abi | Abi |
| 3 | 912018104003 | AKSHAYA S | As | As | As | As | As | As |
| 4 | 912018104005 | BASKARA SETHUPATHI S | Bas | Bas | Bas | Bas | Bas | Bas |
| 5 | 912018104007 | DIVYA T | Di | Di | Di | Di | Di | Di |
| 6 | 912018104008 | GAYATHIRI P | Gay | Gay | Gay | Gay | Gay | Gay |
| 7 | 912018104011 | HARIHARAN M | Hi | Hi | Hi | Hi | Hi | Hi |
| 8 | 912018104012 | JEGATHEESAN K | Le | Le | Ly | Ly | Ly | Li |
| 9 | 912018104013 | JOTHIARUL R | Jothi | Jothi | Jothi | Jothi | Jothi | Jothi |
| 10 | 912018104014 | KARTHIK RAJA K | Karthi | Karthi | Karthi | Karthi | Karthi | Karthi |

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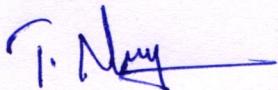
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|----|--------------|---------------------------------|----------|----------|----------|----------|----------|----------|----------|
| 11 | 912018104015 | KAVIYA B | B-8ef | B-8ft | B-9el | B-9et | B-9f1 | B-9f2 | B-9f3 |
| 12 | 912018104016 | KOKILA V | KV |
| 13 | 912018104017 | LALITHA LAKSHMI K | Lalitha |
| 14 | 912018104018 | MAGESHKUMAR S | MS |
| 15 | 912018104019 | MUTHU MOHAMMAD K | Muthu |
| 16 | 912018104020 | NAGA PRIYADHARSHINI M | Naga |
| 17 | 912018104021 | NAGARAJ D | NF | NF | RF | NF | NF | NF | NF |
| 18 | 912018104022 | NAVEEN G | NG |
| 19 | 912018104023 | PARTHIBAN N | Parthi |
| 20 | 912018104024 | PRADEEP S | PradP |
| 21 | 912018104025 | PRAKASHRAJ P | Praksh | Darthy | Darthy | Darthy | Darthy | Darthy | Parke |
| 22 | 912018104026 | PREETHI S | Preethi | Parthi | Parthi | Parthi | Parthi | Parthi | Parthi |
| 23 | 912018104027 | PRIYANGA S | Priyanga |
| 24 | 912018104028 | RAMKUMAR K | Rukun |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | Sam |
| 26 | 912018104030 | SANKAR V | Sv |
| 27 | 912018104031 | SATHYA K | Sathya |
| 28 | 912018104032 | SATHYA P | Sa |
| 29 | 912018104033 | SHIVANI S | Shiv |
| 30 | 912018104034 | SIVA A | Siva |
| 31 | 912018104036 | SOWMIYA R | Sowmi |

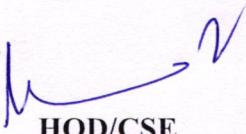

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|----|--------------|-------------------|------|------|------|------|------|------|
| 32 | 912018104037 | SUDHARSANAN PV | Sy | Sy | Sy | Sy | Do | Sy |
| 33 | 912018104038 | SUNSUBHA M | Slm | Slm | Slm | Slm | Slm | Slm |
| 34 | 912018104039 | SURIYA PRAKASH G | Sy | Sy | Sy | Sy | Sy | Sy |
| 35 | 912018104040 | SWETHA S | Stu | Stu | Stu | Stu | Stu | Stu |
| 36 | 912018104041 | VINOTHKUMAR S | Wkth | Wkth | Wkth | Wkth | Wkth | Wkth |
| 37 | 912018104042 | VISHALGOVINDHAN K | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | 912018104043 | YUGESWARI G | Yug | Yug | Yug | Yug | Yug | Yug |
| 39 | 912018104701 | KABIL G | Kab | Kab | Kab | Kab | Kab | Kab |

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm


COURSE COORDINATOR


HOD/CSE


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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2019-2020
Course Code : VACCSE1920AF
Course Name : Analytics Foundations: Exploring the Magic of Data Insights
Duration of hours : 35
Period of Course : 06.04.20-11.04.20

| Attendance Sheet | | | Date: 10/04/2020 | | | | | |
|------------------|--------------------|----------------------|------------------|--------|--------|--------|--------|--------|
| Sl. No | Register Number | Student Name | 09.00 | 10.00 | 11.15 | 01.00 | 02.00 | 03.15 |
| | | | am - | am - | am - | pm - | pm - | pm - |
| | | | 10.00 | 11.00 | 12.15 | 02.00 | 03.00 | 04.15 |
| | | | am | am | pm | pm | pm | pm |
| 1 | 912018104001 | ABINAYA H | Abi | Abi | Abi | Abi | Abi | Abi |
| 2 | 912018104002 | ABINAYA K | Abi | Abi | Abi | Abi | Abi | Abi |
| 3 | 912018104003 | AKSHAYA S | As | As | As | As | As | As |
| 4 | 912018104005 | BASKARA SETHUPATHI S | Bas | Bas | Bas | Bas | Bas | Bas |
| 5 | 912018104007 | DIVYA T | Di | Di | Di | Di | Di | Di |
| 6 | 912018104008 | GAYATHIRI P | Gayt | Gayt | Gayt | Gayt | Gayt | Gayt |
| 7 | 912018104011 | HARIHARAN M | Hi | Hi | Hi | Hi | Hi | Hi |
| 8 | 912018104012 | JEGATHEESAN K | Ji | Ji | Ji | Ji | Ji | Ji |
| 9 | 912018104013 | JOTHIARUL R | Jothi | Jothi | Jothi | Jothi | Jothi | Jothi |
| 10 | 912018104014 | KARTHIK RAJA K | Karthi | Karthi | Karthi | Karthi | Karthi | Karthi |

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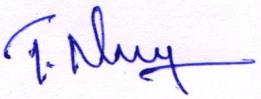
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|----|--------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
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| 12 | 912018104016 | KOKILA V | kkh |
| 13 | 912018104017 | LALITHA LAKSHMI K | lali | lali | lali | lali | lali | lala | lala | lala | lala |
| 14 | 912018104018 | MAGESHKUMAR S | De |
| 15 | 912018104019 | MUTHU MOHAMMAD K | Muthu |
| 16 | 912018104020 | NAGA PRIYADHARSHINI M | Naga |
| 17 | 912018104021 | NAGARAJ D | Daf |
| 18 | 912018104022 | NAVEEN G | Neer |
| 19 | 912018104023 | PARTHIBAN N | Parti |
| 20 | 912018104024 | PRADEEP S | Praek |
| 21 | 912018104025 | PRAKASHRAJ P | PRPJ | PRPJ | P-PLP | P-PLP | Dh | P-PJ | PRPJ | PRPJ | PRPJ |
| 22 | 912018104026 | PREETHI S | Prathi |
| 23 | 912018104027 | PRIYANGA S | Priya |
| 24 | 912018104028 | RAMKUMAR K | Ranke |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | Sam |
| 26 | 912018104030 | SANKAR V | Se |
| 27 | 912018104031 | SATHYA K | Sathy |
| 28 | 912018104032 | SATHYA P | Se |
| 29 | 912018104033 | SHIVANI S | Sif |
| 30 | 912018104034 | SIVA A | Siva |
| 31 | 912018104036 | SOWMIYA R | Sowmi |


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|----|--------------|-------------------|-----|-----|-----|-----|-----|-----|-----|
| 32 | 912018104037 | SUDHARSANAN PV | Sy | Sx | Sy | Sy | Sy | Sy | Sy |
| 33 | 912018104038 | SUNSUBHA M | Sy | Sx | Sy | Sy | Sy | Sy | Sy |
| 34 | 912018104039 | SURIYA PRAKASH G | Sy |
| 35 | 912018104040 | SWETHA S | Sy |
| 36 | 912018104041 | VINOTHKUMAR S. | Sy |
| 37 | 912018104042 | VISHALGOVINDHAN K | Sy |
| 38 | 912018104043 | YUGESWARI G | Sy |
| 39 | 912018104701 | KABIL G | Rab |

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm


COURSE COORDINATOR


HOD/CSE


PRINCIPAL


R RAJA

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2019-2020
Course Code : VACCSE1920AF
Course Name : Analytics Foundations: Exploring the Magic of Data Insights
Duration of hours : 35
Period of Course : 06.04.20-11.04.20

| Attendance Sheet | | | Date: 11/04/2020 | | | | | |
|------------------|--------------------|----------------------|------------------|--------|--------|-------|-------|-------|
| Sl. No | Register Number | Student Name | 09.00 | 10.00 | 11.15 | 01.00 | 02.00 | 03.15 |
| | | | am - | am - | am - | pm - | pm - | pm - |
| | | | 10.00 | 11.00 | 12.15 | 02.00 | 03.00 | 04.15 |
| | | | am | am | pm | pm | pm | pm |
| 1 | 912018104001 | ABINAYA H | Ahi | Ahi | Ahi | Ahi | Ahi | Ahi |
| 2 | 912018104002 | ABINAYA K | Abi | Abi | Abi | Abi | Abi | Abi |
| 3 | 912018104003 | AKSHAYA S | D | D | D | D | D | D |
| 4 | 912018104005 | BASKARA SETHUPATHI S | Bas | Bas | Bas | Bas | Bas | Bas |
| 5 | 912018104007 | DIVYA T | Di | Di | Di | Di | Di | Di |
| 6 | 912018104008 | GAYATHIRI P | Cup | Cup | Cup | Cup | Cup | Cup |
| 7 | 912018104011 | HARIHARAN M | hi | hi | hi | hi | hi | hi |
| 8 | 912018104012 | JEGATHEESAN K | Ti | Ti | Ti | Ti | Ti | Ti |
| 9 | 912018104013 | JOTHIARUL R | Jothi | Jothi | Jothi | Jothi | Jothi | Jothi |
| 10 | 912018104014 | KARTHIK RAJA K | Karthi | Karthi | Karthi | Ruthi | Ruthi | Ruthi |

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|----|--------------|---------------------------------|----------|----------|----------|----------|----------|----------|----------|
| 11 | 912018104015 | KAVIYA B | B.Gei |
| 12 | 912018104016 | KOKILA V | Rkh |
| 13 | 912018104017 | LALITHA LAKSHMI K | Lalk |
| 14 | 912018104018 | MAGESHKUMAR S | SS |
| 15 | 912018104019 | MUTHU MOHAMMAD K | Mathu |
| 16 | 912018104020 | NAGA PRIYADHARSHINI M | Naga |
| 17 | 912018104021 | NAGARAJ D | Rej |
| 18 | 912018104022 | NAVEEN G | nu |
| 19 | 912018104023 | PARTHIBAN N | Parti |
| 20 | 912018104024 | PRADEEP S | Pudp |
| 21 | 912018104025 | PRAKASHRAJ P | Raj |
| 22 | 912018104026 | PREETHI S | Bethi | Bethi | Preethi | Bethi | Bethi | Bethi | Bethi |
| 23 | 912018104027 | PRIYANGA S | Priyanga |
| 24 | 912018104028 | RAMKUMAR K | Rukh |
| 25 | 912018104029 | SAMRAT ASHOK CHAKKARAWARTHY A K | Sam |
| 26 | 912018104030 | SANKAR V | Sam |
| 27 | 912018104031 | SATHYA K | Sa |
| 28 | 912018104032 | SATHYA P | Sathya |
| 29 | 912018104033 | SHIVANI S | Si |
| 30 | 912018104034 | SIVA A | Siva |
| 31 | 912018104036 | SOWMIYA R | Sowmi |

| | | | | | | | | |
|----|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 32 | 912018104037 | SUDHARSANAN PV | <i>Sug</i> | <i>Sug</i> | <i>Sug</i> | <i>Sug</i> | <i>Sug</i> | <i>Sug</i> |
| 33 | 912018104038 | SUNSUBHA M | <i>Sh</i> | <i>Sh</i> | <i>Sh</i> | <i>Sh</i> | <i>Sh</i> | <i>Sh</i> |
| 34 | 912018104039 | SURIYA PRAKASH G | <i>Sp</i> | <i>Sp</i> | <i>Sp</i> | <i>Sp</i> | <i>Sp</i> | <i>Sp</i> |
| 35 | 912018104040 | SWETHA S | <i>Sweth</i> | <i>Sweth</i> | <i>Sweth</i> | <i>Sweth</i> | <i>Sweth</i> | <i>Sweth</i> |
| 36 | 912018104041 | VINOTHKUMAR S | ✓✓✓✓✓ | ✓✓✓✓✓ | ✓✓✓✓✓ | ✓✓✓✓✓ | ✓✓✓✓✓ | ✓✓✓✓✓ |
| 37 | 912018104042 | VISHALGOVINDHAN K | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | 912018104043 | YUGESWARI G | <i>Yugz</i> | <i>Yugz</i> | <i>Yugz</i> | <i>Yugz</i> | <i>Yugz</i> | <i>Yugz</i> |
| 39 | 912018104701 | KABIL G | <i>Kabil</i> | <i>Kabil</i> | <i>Kabil</i> | <i>Kabil</i> | <i>Kabil</i> | <i>Kabil</i> |

Tea Break : FN- 11:00 am to 11:15am
 AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

T.Nayag
COURSE COORDINATOR

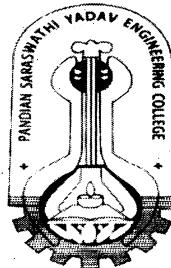
M
HOD/CSE

KB
PRINCIPAL

R RAJA

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MODEL CERTIFICATES



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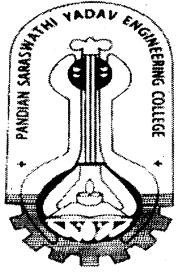
CERTIFICATE

This is to Certify that Mr/Ms.....*PRIYANGA...S*.....From *P.I.Y.S.E.M.*.....
has actively participated in the value-added course on **Analytics Foundations: Exploring
The Magic Of Data Insights** organized by the Department of Computer Science and
Engineering From 06.04.2020 to 11.04.2020 (35 Hours) at Pandian Saraswathi Yadav
Engineering College, Sivagangai.

N
Dr.A.Askarunisa.,
HOD/CSE

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R
Dr.R.Raja
Principal



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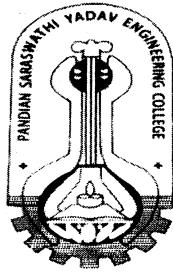
This is to Certify that Mr/Ms..... **JHARI.HARAN.M.....** From **11/12/2024**.....
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Dr.A.Askarunisa.,
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Dr.R.Raja
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