

THADOMAL SHAHANI ENGINEERING COLLEGE
DEPT. OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
T.E /SEM VI/ FH 2025
SUBJECT: DAV
ASSIGNMENT -1

1. What kinds of tools would be used in the following phases of data analytics life cycle, and for which kind of scenarios?

Phase 1: Data Discovery

Phase 2: Data preparation

Phase 4: Model building

CO1

2. What do you mean by analytic sandbox? Why is it important? CO1

3. Describe how logistic regression can be used as a classifier. CO2

4. Discuss cross-validation of regression models. CO2

5. Explain Autoregressive(AR), Moving Average(MA), Autoregressive Moving Average(ARMA) and Autoregressive Integrated Moving Average (ARIMA) Models in detail. CO3

6. Discuss in brief Box Jenkins Methodology. CO3

7. Complete following certification course and attach completion certificate with assignment. CO1,CO2,CO3

<https://www.simplilearn.com/free-data-science-with-r-programming-course-skillup>

LAST DATE TO SUBMIT: 10.03.2024

Subject In-Charge

Naveen V