

TEIT

SPPU Practical Exam

2019

Subject: - DSBDA

Expt. No: 01

Q1. Perform the following operations using Python on the data sets

- a. Create data subsets
- b. Merge Data

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Expt. No: 02

Q2. Perform the following operations using Python on the data sets

- a. Sort Data
- b Transposing Data
- c. Shape and reshape Data

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Expt. No: 03

Q3. Perform the Data cleaning operations using Python on the data sets

- a. Stop word remove
- b. Lemmatisation
- c. Steaming

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Expt. No: 04

Q4. Visualize the data using Python libraries matplotlib by plotting the graphs

- a. Line Plot
- b. Bar Plot
- c. Pi Plot

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Expt. No: 05

Q5. Visualize the data using Python libraries seaborn by plotting the graphs

- a. Line Plot
- b. Bar Plot
- c. Scatter Plot

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Expt. No: 06

Q6. Perform the following data visualization operations using Tableau Public.

- a. Data Visualization using Donet Chart
- b. Data visualization using Bubble Chart

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Expt. No: 07

Q7. Create a review scrapper for www.amazon.com / www.flipcart.com ecommerce website to fetch real time data using Python and generate the CSV file.

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Expt. No: 08

Q8. Develop a predictive data model of "House Prize Prediction" Use Simple Linear Regression Model **OR** Logistic Regression Model **OR** SVM **OR** KNN to calculate % Prediction accuracy.

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Expt. No: 09

Q9. Perform Single node/Multiple node Hadoop Installation on Linux OS. Show all running demons.

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Expt. No: 10

Q10. Perform the following operations using HiveQL for
a. Creating an external Hive table.

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Expt. No: 11

Q11. Design a JAVA distributed application using MapReduce under Hadoop system for counting no. of occurrences of every word in a given text file using Eclipse.

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Expt. No: 12

Q12. Perform the Operation with missing value using Python on the data sets

- a. Filling the Missing Values – Imputation
- b. Imputation with an additional column
- c. Filling with a Regression Model

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Expt. No: 13

Q13. Develop a predictive data model of "Stock Prize Prediction" Use Simple Linear Regression Model **OR** Logistic Regression Model **OR** SVM **OR** KNN to predict prize after 25 days.

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Expt. No: 14

Q14. Perform the Sentiment analysis using Python. Print polarity and subjectivity of the following sentence.

- a. "The Food at Radison was awesome"
- b. "The Food at Radison was very good"

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Expt. No: 15

Q15. Perform the following data visualization operations using Tableau Public.

- a. Data Visualization using Heatmap Chart
- b. Data visualization using Bubble Chart