Deepak Tiwari

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Summary

A proactive and fast learning individual seeking an opportunity to work as a dynamic data analyst utilizing analytical & methodical skills and relevant expertise to help the company achieve business goals while sticking to vision, mission and values.

SKILLS

Machine Learning: Classification, Regression, Clustering, Decision Trees, K-Means Clustering
Statistical Methods: Predictive Analysis, Hypothesis Testing
Programming Languages: Python | **Database Language:** SQL
Data Reporting Tool: Jupyter, Tableau, MS-Excel
Libraries: Numpy, Pandas, Matplotlib, Seaborn, Sklearn, Scipy

ACADEMIC PROJECTS

Tool used: Python

- Used libraries like NumPy, Pandas, Seaborn, and label encode to analyses and visualize the data. Performed exploratory data analysis, imputed missing values, transformed variables, correlation analysis, and pair plots to create a report and recommend players for the new football team out of 18,000 players playing in various football clubs.
- Performed data cleansing & data preparation– replaced hyphens, nulls, and EDA to prepare a report for an academic project where the objective is to identify
- Used statistical techniques to measure the blood pressure of 60-year-old women with glaucoma. For a random sample of 200 calculated,
- Formulated the hypothesis for a golf equipment manufacturer whose objective was to compare the driving distance of the new ball as compared to the old ball. Performed hypothesis testing (t-test) and using the P-value with a confidence interval of 95% recommended Par Inc. XYZ

Tool used: MYSQL

To predict the winner of the match before toss happens for the match on which the user is predicting

- To provide descriptive statistics of match details like percentage of wins of each bidder, Percentage of wins by a team that has won the toss, total matches played, total matches won, and total matches lost by the team.

EDUCATION

- Post Graduate Certification Program in Data Science and Engineering, Great lakes, Bangalore (Karnataka)
  - August 2020–Present

- Bachelor of Engineering in Mechanical, Gwalior Eng. College, Gwalior (M.P.)
  - August 2013–December 2018

PERSONAL SKILLS

- Result oriented work approach.
- Analysis of future needs.
- Maintaining team motivation & believe in multipying skills.