

VIJIT SINGH

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TECHNICAL SKILLS

Languages and Databases: **MySQL, Python**, NoSQL, SQL Server, HTML 5, CSS, GIT

Statistical and Visualization tools: Scipy, **Tableau**, Google Analytics, Seaborn, Matplotlib, MS Excel

Techniques: A/B Testing & Experimentation, Funnelling, Churn Analysis

Packages: Pandas, Numpy, Scikit-learn, TensorFlow, Keras, NLTK

Algorithms: Regression(Leniar, Multiple, Logistic), Decision Trees (Random Forests), Classification (Naïve Bayes, SVM, KNN), Unsupervised learning (K-Means)

Certifications: Codecademy (Data Analyst, Data Scientist), Udemy(The Business Intelligence Analyst Course)

Datacamp(Creating Dashbaords in Tableau)

PROFESSIONAL WORK EXPERIENCE

Data Scientist

Aay Techonology Private Ltd.

Jul 2021 –Present

- Designed a robust reputation model for production to give ratings to each individual user based on their performance segregating them to increase profitability by **200%** by adding features as a premium.
- Deployed recommendation model on search engine based on reputation and experience of a user increases server traffic by **50%**.
- Designed and implemented a real-time data pipeline to process semi-structured data by integrating raw records from multiple data sources using Kafka and PySpark.
- Built the Supervised (Regression) and Unsupervised (KNN) Machine Learning Models that were used to solve a given problem and ranked them by their success probability.
- Identified differences in data distribution that affected performance when deploying the model in the real world.

Associate-Tech. Support

Tech Mahindra

Oct 2020 – Jun 2021

- Diagnosed and solved the technical issues with the Netgear routers, switches and satellites.
- Assist management in creating training materials pertaining to computer troubleshooting and usage.
- Updated, maintain and monitor all aspects of computer networks.

PROJECTS

Exploratory Data Analysis in Python

- 95%** certainty that male and female total scores do not come from the same population data.
- 1700** Books published in the year **2006** which makes it the highest published year.
- Project link: https://github.com/Viz-graffito/Students_Exams_EDA | https://github.com/Viz-graffito/Steam_Nov_Dataset_EDA | https://github.com/Viz-graffito/GoodReads_EDA

Data Analysis through SQL

- Utilized MySQL to measure effectiveness of improvements through analysis of data on customer segmentation; resulted in **52%** in specific segment.
- Performed ad-hoc modelling, reporting, and data visualization using tableau to specify the customer likings.
- project link : https://github.com/Viz-graffito/SQL_campaign

Data Visualization in Tableau

- Created interactive Dashboard in Tableau to analyse the current state of Tourism in India.
- Due to Covid-19, the highest states affected are U.P and M.P, resulting **50%** of FTA drop in these two states.
- Project link: <https://tabsoft.co/3H5Js2F>

EDUCATION

Master's in Business Administration, Shri Venkateshwara University

May 2020

Bachelor of Commerce, Chaudhary Charan Singh University

Apr 2018