

Kshitiz Singh

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As a recent B.Tech graduate, I am eager to leverage my academic foundation and practical experience to contribute effectively to a dynamic and innovative data-driven team. I am seeking a challenging position that allows me to apply my skills in solving real-world problems and further develop my expertise in the field.

EDUCATION

B.Tech

Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra

12/2020 - Present

SGPA(upto 6 sem): 8.4

CLASS XII (2020)

L.B.V.M. Sr. Sec. School Pilibhit

Percentage: 76.6

CLASS X (2018)

L.B.V.M. Sr. Sec. School Pilibhit

Percentage: 78.8

WORK EXPERIENCE

Data Science Intern

Externs club Pvt. Lmted, Bengaluru, India

07/2023 - 08/2023

Achievements/Tasks

- I performed tasks, including collecting, cleaning and preparing data sets for analysis. I worked closely with teams, from departments to understand their business requirements and translate them into data driven solutions.
- By using analysis I identified trends and patterns in datasets. I also developed data visualization techniques to present my findings to stakeholders.
- Additionally I assisted in creating and refining machine learning models for analytics. Throughout my work I utilized programming languages like Python for analysis.

Data Science

British Airways Data Science Job Simulation on Forage

09/2023 - Present

Achievements/Tasks

- Completed a simulation focusing on how data science is a critical component of British Airways success.
- Scraped and analysed customer review data to uncover findings.
- Built a predictive model to understand factors that influence buying behaviour.

SKILLS

Python

Numpy

Pandas

Matplotlib

Natural Language Processing

Seaborn

Deep Learning

Flask

Pytorch

MYSQL

Mongodb

Machine Learning

Keras

Statistical Analysis

MS Word

MS Powerpoint

SDLC

Oops

Hadoop

HTML

CSS

Hive

Spark

Docker

AWS

PERSONAL PROJECTS

Thyroid Disease Detection (03/2023 - 04/2023)

- Objective:** Developed a machine learning model to identify thyroid diseases at a stage.
- Data Preparation:** Conducted data cleaning, applied feature engineering techniques and scaled the dataset appropriately.
- Modeling Approach:** Utilized regression, random forests and support vector machines (SVM), for classification.
- Performance Achievements;** Attained 97% accuracy results on the test dataset.
- Deployment Strategy;** Successfully deployed the model as a user web based tool for widespread accessibility.
- Technologies Utilized:** Employed Python programming language along with scikit learn, TensorFlow and Flask frameworks.

Flight Price Detection (07/2023 - 08/2023)

- Objective:** Developed a machine learning model to predict flight prices.
- Data:** Collected and cleaned flight data, including routes, airlines, and historical prices.
- Feature Engineering:** Engineered relevant features such as departure time, airline reputation, and route popularity.
- Model Selection:** Utilized regression models (e.g., linear, random forest) to predict ticket prices.
- Performance:** Achieved [81 R2 score or other evaluation metric] accuracy on test data.
- Hyperparameter Tuning:** Optimized model parameters for improved accuracy.
- Deployment:** Deployed the model as a web application for real-time price predictions.
- Technologies:** Employed Python, scikit-learn, and Flask for development.

CERTIFICATES

Certificate of completion for successfully completing Accenture Data Analytics Job Simulation on Forage.

Certificate of completion for successfully completing British Airways Data Science Job Simulation on Forage.