RAVI BAJPAI

DATA ANALYST ENTHUSIAST

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SUMMARY

Motivated and detail-oriented professional with a strong educational background in Computer Science and recent completion of a Post Graduate Diploma in Data Science from Data Trained. Eager to apply acquired knowledge and skills in a challenging data science role. Possesses a solid foundation in programming, statistical analysis, and machine learning algorithms.

KEY SKILLS

• Data Analysis • Data Mining • Data Visualization • Data Manipulation • Data Extraction • Report Generation • Dashboard Management • KPI Monitoring • Regression & Segmentation • Statistical Analysis • Performance Tracking

TECHNICAL SKILLS

Methodology: SDLC, waterfall
Language: Python, SQL
Statistics & Machine learning: classification, Regression, Decision Trees, Random Forests, Naïve Bayes, KNN, K-means
Packages: Scikit learn, Numpy, Pandas, NLTK, Beautiful Soup, Matplotlib, Seaborn, Scipy
Visualizations: PowerBi, MS Excel
Databases: MySQL, SQL

COURSES & CERTIFICATIONS

Data Trained Education Pvt. Ltd.
JAN'2022 to April'2023
PG Program in Data Science, Machine Learning & Neural Networks
During this period I learnt, practiced and utilized my learnings during my internship and projects

- Proficient in **Python** and **SQL** for **data manipulation**, **analysis**, and **visualization**.
- Strong foundation in **hypothesis testing**, **regression analysis**, and probability theory for **data-driven decision-making**.
- Skilled in **data cleaning**, **preprocessing**, and working with SQL and **NoSQL databases**.
- Comprehensive knowledge of machine learning algorithms, including **decision trees**, **random forests**, and **neural networks**.
- Effective communication of **data insights**, along with an understanding of **data ethics** and privacy considerations.

ACHIEVEMENTS

Qualified GATE 2012 EXAM WITH 93 percentile.

EXPERIENCE

Data Science Intern Sep '22 - Apr '23

Flip Robo Technologies |

Data Analysis, Exploration & Process Optimization

- Conducted **data preprocessing, cleaning** and **wrangling** to prepare data for modeling.
- Gained experience with **data visualization** and **exploratory data analysis**.
- Identified, analyzed, and interpreted trends in complex data sets using **supervised** and **unsupervised learning techniques**.
- Contributed to the development of predictive models to solve business problems, such as **customer churn** and **product demand forecasting**.
- **Developed effective presentations** and **visualizations** to communicate complex technical concepts to non-technical stakeholders.

EDUCATION

LL.B Jul '12 - Jun '15

JAI NARIAN PG COLLEGE LUCKNOW,LUCKNOW UNIVERSITY | LUCKNOW

B.TECH COMPUTER SCIENCE Jul '07 - Jun '11

DR. M.C. SAXENA COLLEGE OF ENGINEERING AND TECHNOLOGY LUCKNOW. GBTU. | LUCKNOW

PROJECT

LOAN PREDICTION PROJECT
Objective This project deals with prediction of loan status weather loan will be sanctioned or not.
Technical view In this project relationship between the features and label has been determine and accordingly data has been cleaned
Conclusion This project helps to know whether for particular candidate loan will be sanctioned or not .

AIR FARE PREDICTION
Objective This project deals with the prediction of fare of different flight running from different source and destination.
Technical view This is basically regression problem in which price of any fare is predicted. In this project how different features are affecting the price has been considered and accordingly EDA and Data visualization has been done
Conclusion This project will help to determine the fare of air from particular source to particular destination.

BLACK FRIDAY
Objective This project deals with customer purchasing behaviour against various product of different categories.
Technical view EDA and Data visualization has been performed to know how different features affect the purchase of different product by customers.
Conclusion This project will determine how frequently any particular customer purchase any product and different offers can be given to customers.