

Ravi Kumar Mahto

Data Scientist

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SKILLS

Python: NumPy, Pandas, Matplotlib, Seaborn, scikit-learn

Machine Learning: Linear Regression, Logistic regression, Random forest, SVM, KNN, NLP, Clustering models, MLOps

Statistics: Graphing data, Hypothesis tests, A/B test, ANOVA, Chi-Square tests

Database Language: SQL

Data Visualization Tool: Tableau, Power BI, Microsoft Excel

Data Model: Data Modeling, Data structure, Data architecture, Relational model, ER Model

Cloud: AWS, Azure

Analytics Applications: Exploratory Data Analysis, Data Mining, Data cleaning, Data Visualization

Other Skills: SAP ERP, Digital marketing

EDUCATION

- **Post Graduate Program in Data Science and Engineering** (PGP-DSE) from Great Lakes Institute of Management, 2020 (Full Time)
- **B.E in Electrical Engineering** from Dr D. Y Patil Institute of Technology Pune, 2016 (Percentage: 65.0 %)
- **HSC from Kendriya Vidyalaya** ISP Nashik, 2012 (Percentage: 75.4 %)
- **SSC from Kendriya Vidyalaya** ISP Nashik, 2010 (Percentage: 71.2 %)

EXPERIENCE

Data Analyst

Feb. 2021 - Present

Quinstreet, Pune, India

Responsibilities:

- Analysed data, generated insights and visualizations and published reports based on company data
- Created weekly and monthly reports and presentations
- Actively involved in data mining, data cleaning and validating the integrity of data to be used for analysis.
- Developed data modeling for reports, to correlate data elements on reports to tables or fields in the underlying physical data model
- Extracted data from primary and secondary sources and Pull data from an API in Python
- Created advanced automated KPI Tableau dashboards with filters, parameters and calculated fields that allowed to interpret patterns and trends in complex data
- Implemented entire ML pipeline from data pre processing, feature engineering and deployment on Azure ML
- Implemented Web Scraping with Python
- Created Python script to automate SEO process for the top keyword within striking distance
- Build a Sentiment Analysis Pipeline and to find bert score for Web Scraping using Machine learning Model

Major accomplishments:

- Created 30+ Automated Tableau dashboards to effectively analyse the trends and patterns in complex data sets. Reduced data processing time by 90%
- Automated several SEO Task with Python and machine learning to reduce manual efforts

Business Analyst

2017 - 2019

Durga Engineering, Nashik, India

Responsibilities:

- Studied the technical requirement of the tender and sort out all the ambiguities after discussing with the customer
- Managed inventory pipeline and availability of products as per requirement
- Develop necessary analysis and documentation
- Managed projects and Monitored the progress of the projects booked
- Prepared reports by collecting, analysing and summarizing information
- Prepared Tax invoice bill and updated the same to the senior staff for review

CERTIFICATIONS

- Data Visualization using Tableau & Power BI from Great Learning
- Statistics for Machine Learning from Great Learning
- Microsoft Azure Essentials From Great Learning

ACHIVEMENTS

- 3rd Rank in the regional level 400mtr race
- Won gold medals in various events like 100m, 200m, 400m race, long jump
- Selected for "Best Kaizen" at Suzlon global services limited

EXPERIENCE

Engineer

2016 - 2017

Suzlon Global Services Ltd, Pune, India

Responsibilities:

- Performed analysis on wide range of electrical and electronic equipments and operational wind turbine data
- Identified and resolved the causes of equipment malfunction
- Build and maintained relationships with client decision makers and staff to maximize productivity and cultivate future opportunities
- Presented data and conclusions to team in order to improve strategies and operations
- Maintained product transfer and generated MRS (material requisition slip) in SAP ERP
- Managed stocks, availability of components and Performed analysis on SAP data
- Utilized tableau dashboard for data intelligence and analysis

PROJECTS & HACKATHON

• Lending Club Loan (Banking sector)

Worked on the capstone project where the objective was to predict the customers who are eligible for the loan or not. Used machine learning to identify the defaulters and non-defaulters using classification algorithms.

Skills: Logistic Regression, Random Forest, Decision Tree, KNN, Tableau

• Airline Passenger Satisfaction (Aviation sector)

Analysed airline passenger behaviour and used ML model to predict passenger satisfaction. Customer satisfaction plays a major role in affecting the business of a company therefore, analysed the important factors that influence customer satisfaction.

Skills: Logistic regression, Random Forest, Decision Tree, KNN

• Food Demand Prediction (Supply Chain)

Built a model to predict the food demand for the upcoming weeks so that we can plan the stock of raw materials and help a food delivery business.

Skills: Linear Regression, Lasso, Ridge, Logistic regression, Random forest regressor, KNeighbors regressor