RITESH SINGH

Data Scientist

Ph. No: 9019490118

Email to: ritesh.s919@gmail.com

"Every day in every way I'm getting better and better"

Medium: https://riteshs919.medium.com/

LinkedIn: https://www.linkedin.com/in/riteshs919

Portfolio: https://eportfolio.greatlearning.in/ritesh-singh

GitHub: https://github.com/riteshs919

Kaggle: https://www.kaggle.com/riteshs919

PROFESSIONAL PROFILE

Aspiring data scientist with 2+ years of experience as a Python Developer. Passionate about building models that fix problems. Relevant skills include machine learning, writing, problem solving, programming and creative thinking.

SKILLS

Programming Languages: Python, SQL || **Machine Learning:** Classification, Regression, Clustering, Data Mining, Model Performance, AdaBoost, Decision Trees, Random Forest, Principal component analysis || **Data Reporting Tool & Database Language:** Tableau, Excel, SQL
Statistical Methods: Exploratory Data Analysis, Predictive Analysis, Hypothesis, Basket Analysis, Text Analytics, Dimensionality Reduction

EXPERIENCE

Tata Consultancy Services

Data Science Analyst (Supply Chain Analytics) **Apr 2021-Present**

- Project Title -Push Sell through surplus inventory
  Objective- To make a model which identifies the surplus inventory, Ranks the SKUs based on the ranking criteria and publish the list of push sell SKUs.
  Outcome - The model implementation reduced the inventory, demonstrate valuable products and prioritizes the SKUs and has potential revenue generation of $39M.
  Tools Used - Python, Power BI

Python Developer **Feb 2019-Mar 2021**

- Project Title -Mesh Prediction Model
  Objective - To predict the mesh size of thousands of surfaces in a component to minimize user intervention
  Outcome - The model implementation increased efficiency of tools by 80% and reduced user intervention by 90%. The code is used in many other tools.
  Tools Used – Python
- Process Automation: Developed Process automation tools which are used by 4 Analyst teams on more than 10 different types of complex automotive components using Python which reduced time by 80 % and user intervention by 90%. Numeric Data is involved to make these tools. This data is Huge and includes coordinates in 3D space. Concepts of KNN, Logistic Regression, Linear Algebra, Coordinate Geometry and Vectors are used.
- Developed Thread removal model using Linear Algebra in Python to find out thread surfaces in the components and remove them.
- Followed Agile in all projects for continuous improvements and time reduction

INTERNSHIPS

Quikr

Operations Intern **(4 months)**: Responsible for Inventory management at hub level. Produced monthly Inventory reports and stock planning reports using advanced Excel spreadsheet functions. People management and vendor management.

ABB India Pvt. Ltd

Sales & Marketing Intern **(4 Months):** Tracked leads in Salesforce.com. Responsible for market research, lead generation using project research platforms and Producing Dashboards and reports using Salesforce.com.

EDUCATION

The University of Texas and Great Lakes Chennai
PGP in Data Science and Business Analytics

UVCE (Bangalore University)
B.E in Mechanical Engineering

ACADEMIC PROJECTS

- Gems Price Prediction:
  - → The company is earning different profits on different prize slots. Prediction of price has to be made for the stones to distinguish between higher profitable stones and lower profitable stones so as to have better profit share.
  - → Important parameters are identified which affects the price
  - → Key skills: Python, EDA, Machine learning
- Holiday Package Prediction:
  - → To help the company in predicting whether an employee will opt for the package or not and find out the important factors on the basis of which the company will focus on particular employees to sell their packages.
  - → Key skills: Python, EDA, Machine learning