RUTUJA SALUNKE

DATA ANALYST

CONTACT

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GitHub

Pune, Maharashtra

SKILLS

- Python
- Sql
- Machine learning
- Advanced excel
- Power bi
- Statistics
- Data analysis

CERTIFICATIONS

Data Science with Python
- IBM

Data Science & Analytics
- I.T.Vedant Education Pvt. Ltd.

Data Analysis with Python
- IBM

SQL Essentials
- I.T.Vedant Education Pvt. Ltd.

EDUCATION

M.Sc(Computer Science)

SRTM University

Pursuing

B.Sc(General)

SRTM University

2019-2022

SUMMARY

I am a dedicated and detail-oriented individual with a strong passion for data analysis and data science. I excel in collecting, cleaning, and structuring data for both technical and non-technical audiences. My skillset includes advanced knowledge of statistical, algebraic, and analytical techniques. I bring a high level of organization, motivation, and diligence to every project. With a solid background in analytics, I am well-prepared to contribute valuable insights and drive success in the data science field.

PROJECTS

MACHINE LEARNING - PREDICTING HEALTH INSURANCE COSTS

Overview:

- Objective: Develop a predictive model for health insurance costs using data from Kaggle.
- Algorithms: Linear Regression, Decision Trees, Random Forest.
- Process: Data exploration, integrity checks, feature engineering, and feature selection.
- Algorithm Performance: Linear Regression (R-squared score of 0.7569), Decision Trees (overfitting mitigation), Random Forest (R-squared score of 0.88 on training data and 0.86 on testing data).
- Importance: Demonstrates the iterative nature of machine learning and the significance of preprocessing and model evaluation.

POWER BI - FINANCIAL: SALES AND PROFIT

Overview:

- It involves the analysis of clean and well-structured financial data, revealing intriguing findings, including the dominance of the United States in sales and the government sector's profitability.
- The project's main challenge is to bridge the significant gap between sales and profit, with a focus on leveraging functions and charts for data visualization.
- Key features of the Power BI dashboard include real-time updates on total profit and gross sales, insights into cost of goods sold (COGS) trends by countries, unit sales by segment, and monthly sales analysis to aid in inventory management and customer satisfaction.

MS EXCEL - GLOBAL SUPER STORE ANALYSIS

Overview:

- Excel Project: "Navigating Success: Global Superstore's Data Journey."
- Involves data import, cleaning, and extensive Excel data analysis techniques.
- Uncovered $12.64 million in total sales and $1.47 million profit, emphasizing cost management.
- Highlighted the US market dominance and the profitability of technology-related products.
- Data-driven recommendations for strategic decision-making in retail.