

Vishvesh Harugade

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SUMMARY

A result-driven skilled Data Analyst with strong expertise in data science, data visualization, and performance analytics. Shows a track record of delivering significant corporate value through strategic initiatives that enable data-driven decision-making. Has experience developing analytics solutions to optimize transportation networks and improve operational efficiency. Proficient in a variety of technologies such as Python, R, SQL, Tableau, Power BI, and Google Analytics, which allow raw data to be transformed into valuable business insights.

EXPERIENCE

Data Analyst , Labrie Inc

Oct 2024 - Present

- Coordinated the analysis and administration of complete spend files, guaranteeing precise tracking of part quantities, supplier allocations, and predictions.
- Integrated the establishment and maintenance of supplier forecasts, resulting in more precise allocation methods and integrating procurement with production requirements.
- Executed comprehensive data analytics to find areas for cost reduction and improve supplier performance, which increased supply chain effectiveness.
- Utilized advanced data analysis tools, including pivot tables, VLOOKUPS, and macros in Excel, to ensure data accuracy and produce actionable insights.
- Developed extensive analytical studies on spending trends, supplier reliability, and cost allocations to aid managerial strategic decision-making.

Data Analyst, ASTEC Industries, USA

May 2023 - Dec 2023

- Used Power BI to create interactive dashboards that allowed for extensive comparisons of various freight services, including Less Than Truckload (LTL), Full Truckload (FTL), and various Ocean freights. Helping represent the data on freight costs, service efficiency, and cost-effectiveness.
- Facilitated comprehensive assessments comparing FedEx and UPS services, with an emphasis on pricing, delivery time, and service dependability, crafting comprehensive reports to display findings, which aided in the selection of the best service providers for varied logistical requirements.
- Formulated dashboards for reporting overall freight costs across numerous sites, highlighting potential savings and optimizing budget allocation through effective data visualization.
- Developed predictive models to forecast by making use of historical data for shipment volumes and delivery times, enhancing supply chain planning, and finding trends and patterns.
- Incorporated drill-down capabilities in dashboards to allow users to investigate KPIs at different levels of granularity, from company-wide metrics to department-specific insights.

PROJECTS

Road-Based Healthcare Accessibility Analysis in Kenya using ArcGis Pro

- Through the use of Geographic Information Systems (GIS), an in-depth assessment of the existing rail and road networks was carried out, with the goal of identifying transportation network weak areas to guide urban design plans.
- Made use of GIS techniques to identify areas with limited access to healthcare services, taking into account things like road networks, rail connections, and upkeep to give a thorough picture of the healthcare landscape in the chosen area.
- Produced practical suggestions for making the best use of the current transportation infrastructure, such as plans to build new roads or trains to increase accessibility to healthcare and the effectiveness of transportation.

Predicting Housing Prices using Advanced Data Analytics

- Built a robust regression model to predict housing prices using the Ames Iowa Housing dataset, incorporating data preprocessing techniques for handling missing values, outlier detection, and feature engineering to optimize model accuracy.
- Key variables were identified using extensive exploratory data analysis (EDA), and different regression approaches such as linear regression, ridge, lasso, and XGBoost were assessed. The best-performing model was chosen based on R2, RMSE, and cross-validation metrics.

EDUCATION

Masters in Information Systems and Analytics, Information Systems and Analytics

Aug 2022 - May 2024

Rochester Institute of Technology, New York

GPA: 3.77

Bachelors of Science , Mechanical Engineering (Supply Chain)

Aug 2018 - Jun 2022

PCCOER, Pune, India

GPA: 9.01

SKILLS

Programming: Python (Pandas, scikit-learn), XML, Neo4j, R, Java, Excel (VBA), DAX

Data Visualization: Power BI, Tableau, Excel, Google Sheets, Matplotlib, Survey Creation, ArcGIS

Database Skills: SQL, MySQL, MongoDB,