

SHUBHAM RAVINDRA KOSHTI

3159527490 • srkoshti98@gmail.com • [LinkedIn](#) • [GitHub](#)

SUMMARY

A data-driven professional with 2+ years of experience in data analysis, specializing in developing and maintaining interactive dashboards and automated data models that drive business decisions. Proficient in SQL, Python, and BI tools, with a strong focus on ensuring data quality and delivering actionable insights through rigorous analysis and visualization. Adept at collaborating with cross-functional teams to align data initiatives with strategic goals, enhancing decision-making and operational efficiency

EXPERIENCE

Research Data Analyst | iConsult Collaborative | Syracuse, NY

November 2023 – July 2024

- Reduced manual search time by 40% by optimizing an ecology platform through advanced data modeling
- Uncovered critical insights across multiple regions by conducting in-depth EDA using Tableau and Dash Plotly
- Enhanced stakeholder engagement and decision-making by developing and maintaining real-time dashboards
- Achieved high data accuracy by aligning analysis with strategic goals through rigorous validation and cross-functional collaboration

Data Analyst | Infosys Limited | Pune, India

November 2020 – April 2022

- Enhanced service operations productivity by 25% as part of the solutions support team for a UK-based client
- Boosted segmentation accuracy via identifying key customer behaviors and patterns using Python
- Reduced order processing time by 30% via efficient management of roles and permissions using Salesforce CRM
- Achieved 12% increase in conversion rates and 9% rise in engagement rates by assessing impact of new marketing strategies
- Maximized order success rate by altering more than 500 order payload characteristics via Postman API

Data Science Intern | Northway Motorsports | Pune, India

November 2019 – May 2020

- Optimized data accuracy for vehicular metrics by extracting real-time sensor data from an EV using CAN bus and Python
- Improved predictive analytics by preprocessing data and identifying key features impacting electric vehicle range
- Achieved 15% reduction in vehicle range prediction errors by developing and optimizing machine learning models
- Enhanced electric vehicle range estimates and user satisfaction by analyzing model performance and firmware adjustments

TECHNICAL SKILLS

Analytics Tools: Tableau, Excel (statistical modelling), Dash Plotly, PowerBI

Programming Languages: Python, R, SQL, Java, C++

Workflow Tools: Apache Airflow, ServiceNow, Kubernetes, Microsoft Excel, MS Office

Database Management: Azure Data Studio, PostgreSQL, Docker, PowerApps

Cloud Platforms: AWS (Lambda, EC2, S3), Azure, Salesforce CRM

Operating Systems: Windows, Linux/UNIX

PROJECTS

Predictive Employee Attrition Analysis and Modelling

April 2024 – June 2024

- Achieved 96% accuracy in predicting employee attrition utilizing 2 machine learning models, detecting key attrition drivers
- Outlined a 15% reduction in annual attrition through strategic adjustments in work scheduling and job satisfaction programs
- Optimized analytics and decision-making processes by suggesting enhancements in data preprocessing and integrating qualitative feedback

Demographic Dynamics: Analysis of U.S. Population Trends

October 2023 – December 2023

- Identified key demographic trends such as population growth, urban-rural distribution by executing exploratory data analysis
- Improved data retrieval efficiency by 30% by developing automated data pipelines using API endpoints
- Aided decision-makers in strategic planning by visualizing trends and patterns through interactive dashboards

Analyzing Healthcare information via an HMO

January 2023 – March 2023

- Contributed to a 16% decrease in healthcare expenses by identifying cost-reduction strategies through historical data analysis
- Achieved 92% prediction accuracy in healthcare cost analysis by leveraging advanced machine learning models
- Detected data-driven insights on ways of reducing healthcare costs by analyzing healthcare expenditure historical data

EDUCATION

Syracuse University, School of Information Studies | **Syracuse, NY**

August 2022 – May 2024

Master of Science | Information Systems | Cert. of Advance Study - Data Science

Graduate Teaching Assistant | Martin J. Whitman School of Management

Relevant Coursework: Scripting for Data Analysis | Data Analytics and Decision Making | Database Management | Visual Analytics Dashboards

GPA: 3.8 / 4.0

Pune University, International Institute of Information Technology | **Pune, India**

August 2016 – May 2020

Bachelor's in engineering | Electronics and Telecommunications

Co-Secretary | IEEE Pune Chapter

August 2018 – May 2019

GPA: 9.2 / 10