

SHUBHAM RAVINDRA KOSHTI

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

SUMMARY

A data-driven professional with over 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

WORK EXPERIENCE

Analytics Engineer | iConsult Collaborative | Syracuse, NY

August 2023 – Present

- **Reduced manual search time** by identifying reliable sources and automating data fetching and preprocessing stages for 5 important metrics using Apache Airflow, Databricks and PySpark
- **Identified regional patterns** critical to conservation efforts by conducting exploratory data analysis (EDA) via collaborating on GitHub codespaces, leading to a **20% increase in reporting accuracy**
- **Collaborated with Ecology and Research departments** to develop a comprehensive semantics layer using Tableau, enhancing end-user adoption and facilitating deeper ecological insights
- **Managed ad-hoc ecological report requests from stakeholders**, adapting to changing business decisions and ensuring alignment with strategic goals through cross-functional validation processes

Data Analyst | Infosys Limited | Pune, India

June 2020 – April 2022

- **Enhanced order efficiency** by identifying delays and redundancies at each stage of customer order journey through SQL queries on order quotes and Python-driven analysis
- **Spearheaded customer segmentation analysis** using Python for gaining insights into customers' order purchasing behavior in the Singapore region, enabling more precise targeting in marketing campaigns
- **Reduced order processing time by 30%** by streamlining role and permission management within **Salesforce CRM**, leading to faster order fulfillment and improved customer satisfaction
- **Contributed to efforts of improving conversion rates by 12%** by analyzing impact of marketing strategies and recommending targeted adjustments based on customer segmentation insights

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

EDUCATION

- **Syracuse University | Master of Science | Information Systems, Data Science | GPA: 3.8**
Graduate Teaching Assistant | Martin J. Whitman School of Management

August 2022 – May 2024

- **Pune University, I2IT | Bachelor's in Engineering | Electronics and Telecomm. | GPA: 9.2**

August 2016 – May 2020

TECHNICAL SKILLS

Analytics Tools: Tableau, Microsoft Excel (Statistical Modelling, Hypothesis Testing), Dash Plotly, PowerBI

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

Workflow Tools: Apache Airflow, ServiceNow, Kubernetes, GitHub Workflows

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

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

PROJECTS

Predictive Employee Attrition Analysis and Modelling | [GitHub](#)

April 2024 – June 2024

- **Achieved 96% accuracy** in predicting employee attrition using Logistic Regression and Random Forest models, helping management identify and address key attrition drivers
- **Outlined a potential 15% reduction in annual attrition** through recommended changes in work scheduling and job satisfaction programs, supporting long-term employee retention
- **Optimized analytics processes** by recommending data preprocessing enhancements and integrating qualitative feedback, improving model interpretability and decision-making efficiency

Adidas US Sales Performance and Profitability Analysis | [GitHub](#)

October 2023 – December 2023

- **Improved decision-making** for 5+ key metrics developing dynamic Tableau dashboards, providing actionable insights
- **Projected 15% increase in digital sales** by proposing strategies to boost online sales in underperforming US regions
- **Enhanced profitability in the Northeast region** by recommending targeted digital marketing initiatives to stakeholders

Analyzing Healthcare information via an HMO | [GitHub](#)

January 2023 – March 2023

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