

Shriyansh Singh

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SUMMARY

Data Analyst with 2+ years of experience leveraging Python, SQL, and Tableau to deliver data-driven insights and streamline business processes. Achieved a 30% boost in brand-creator matches and improved reporting precision by 20% through data pipeline optimization and skilled in collaborating with cross-functional teams to implement scalable data solutions that drive performance.

PROFESSIONAL EXPERIENCE

Data Analyst Intern

April 2024 - Present

Hyphenova AI

Los Angeles, CA

- Analyzed large datasets using **Python (Pandas, NumPy)** and **SQL** to extract actionable insights, resulting in a 30% increase in successful brand-creator matches and a 15% boost in user satisfaction.
- Implemented real-time **data validation scripts** in Python, increasing data accuracy by 30% and reducing analytics errors by 20%, directly improving reporting precision.
- Developed and optimized data pipelines using **Apache Spark** and **AWS (Glue, S3)**, reducing data processing times by 40% and enabling real-time reporting for quicker decision-making.
- Conducted **feature engineering** and **data preprocessing** to refine datasets, leading to a 25% improvement in campaign performance and more accurate data-driven recommendations.
- Collaborated with cross-functional teams to design **interactive dashboards in Tableau**, visualizing key performance indicators (KPIs) such as engagement rates and conversion metrics to drive data-driven strategies.

Data Analyst Intern

May 2022 - Oct 2022

Enterprise Business Technologies Pvt Ltd

Mumbai, India

- Analyzed project data using **Python (Pandas, NumPy)** and Excel to integrate the **OKR framework**, aligning project strategies with business objectives, leading to a 20% improvement in client satisfaction.
- Revamped **Power BI dashboards** by refining data models and automating validation processes using DAX and M language, improving report reliability by 15% and reducing report generation time by 40%.
- Conducted comprehensive **market analysis** using Python (Pandas, NumPy, Statsmodels) and applied linear regression and time series forecasting techniques, enhancing forecast accuracy by 18% and contributing to a 10% increase in quarterly revenue.
- Developed and presented **data visualizations** in Power BI to communicate market trends and performance metrics to stakeholders, enabling data-driven decisions that supported business growth initiatives.

EDUCATION

Indiana University Bloomington

Aug 2023 – May 2025

Master of Science in Data Science

Indiana, United States

- Relevant Coursework: Information Visualization, Data Mining, Applied Machine Learning, Statistics, Big Data Applications, Cloud Computing, Graph Analytics, Applied Database Technologies, Intelligent Systems.

University of Mumbai

Aug 2018 – May 2022

Bachelor of Engineering in Electronics Engineering

Maharashtra, India

TECHNICAL SKILLS

Programming & Databases: Python, R, NoSQL, MySQL, PostgreSQL

Visualization & Intelligence: Tableau, Power BI, Excel, Alteryx, Snowflake

Analytics & Machine Learning: Data mining, regression, time series, Scikit-learn, XGBoost

Cloud Platforms: AWS, GCP, ETL

Statistics: Inferential stats, A/B testing, regression models, forecasting, statistical modeling

PROJECTS

Sales Data Analysis and Forecasting | Python, Tableau, ARIMA, Prophet

Nov 2023

- Collected, cleaned, and integrated sales data from multiple sources (CRM, ERP) using **Python** and **Pandas**, standardizing over 10,000 records for analysis.
- Built time series forecasting models using **ARIMA** and **Prophet**, incorporating external variables like seasonality and promotions, leading to a 20% improvement in forecast accuracy.
- Performed feature engineering to identify key drivers of sales trends, enhancing predictive power for inventory planning.
- Created interactive **Power BI dashboards** to visualize forecasts and trends, enabling data-driven decisions for inventory management and marketing strategies.