

AATISH AROTE

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EXPERIENCE

Intern - Data Visualization Infosys Springboard

Sep 2025 – Dec 2025
Remote

- **Engineered** an advanced **Power BI** dashboard to analyze Global Tourism data (ETL, DAX); selected as the **top design** in the initial phase for superior data modeling and visualization of seasonal trends.
- **Developed** a scalable **Flask** web application to embed the dashboard, integrating **Python** analytics; the solution was chosen to represent the **entire batch of 20 interns** over 5 competing teams.
- **Led** the final stakeholder presentation and technical walkthrough, orchestrating the live demo of AI-driven insights and validating the application flow for the official batch showcase.

Data Analytics & Visualization Virtual Job Simulation Accenture (Forage)

Mar 2025 – Apr 2025
Remote

- **Processed and analyzed 100,000 +** daily posts, integrating datasets to identify the top 5 engagement-driving content categories & **Identified** top trends and recommended targeted campaigns to enhance retention.

SKILL SET

- **Programming Languages:** Python, SQL
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn
- **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Tools:** Jupyter Notebook, Git, Microsoft Excel
- **Databases:** MySQL
- **Cloud:** AWS (S3, EC2, Lambda), Azure

PROJECTS

Real Estate Analytics App

Flask, Scikit-Learn, Pandas, NumPy ([Link](#))

- **Built** a full data science pipeline (web scraping, preprocessing, missing value imputation, outlier detection, feature engineering) on **15k+** Gurgaon real estate listings.
- **Applied and evaluated** ML models (Linear/Ridge/Lasso Regression, Random Forest, XGBoost, SVR) for property price prediction with cross-validation and feature selection.
- **Performed** data cleaning and feature engineering, including advanced missing value imputation, outlier treatment, and creation of features like 'luxury scores' to boost model performance.

Tourism AI

Flask, Power BI, Python, SQL ([Link](#))

- **Developed** a unified analytics platform by embedding interactive Power BI dashboards into a Flask web application for real-time exploration of global tourism trends.
- **Designed** comprehensive data models and visualizations to track seasonal holiday patterns and expenditure metrics, enabling data-driven decision-making for travel analysis.

Global Tourism & Holiday Analytics Dashboard

Power BI, Data Analytics ([Link](#))

- **Architected** a refined preprocessing pipeline with normalization, aggregation, and feature engineering to optimize complex global datasets for Power BI.
- **Developed** three interactive dashboards for 232 countries using heat maps, scatter plots, and time-series charts to visualize tourism metrics.
- **Integrated** dynamic slicers and drill-through filters to analyze regional and seasonal travel patterns, peak holidays, and economic trends.

EDUCATION

B.E. in Computer Engineering, University of Mumbai
Current SGPI: **8.43/10**

Aug 2022 – May 2026

HSC (12th) - 67.67%

Mar 2022

SSC (10th) - 92.20%

Mar 2020