ANSHADHA UPASANI

Associate Data Scientist

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SUMMARY

I am an Associate Data Scientist specializing in economics and data analytics with a knack for translating insights into actionable business strategies. With proficiency in Python, R, SQL, and BI tools, I thrive in collaborative settings, translating stakeholder needs into impactful data products. My experience spans multiple research and data-driven projects showcasing effective stakeholder management and decision-making capabilities

EXPERIENCE

Analytical Data Scientist
MASTERFLOW TECHNOLOGIES

📅 05/2025 - Present   📍 Pune, India

A tech company specializing in data solutions

- Lead analytics workstreams across multiple departments and manage stakeholder deliverables
- Designed end-to-end data pipelines using PySpark and SQL for scalable data analysis
- Processed large datasets with Hive and Impala; improved query efficiency by 35%
- Built Tableau and Power BI dashboards to track business KPIs and deliver real-time insights
- Collaborated with product teams to benchmark digital strategies across industry verticals
- Used Python, R, and SQL to automate reporting workflows and predictive models
- Delivered stakeholder presentations using Excel, Word, and PowerPoint

Jr. Associate Researcher, Monitoring & Evaluation
VOWLE'S OF PEOPLES ORGANISATION

📅 02/2025 - 05/2025   📍 Pune, India

An NGO focused on rural community development

- Designed and led hypothesis-driven economic research projects in rural communities
- Trained cross-functional field teams to implement monitoring and data collection
- Used Excel, Python, and R to create M&E reports, dashboards, and policy recommendations
- Conducted surveys and interviews to evaluate social impact initiatives

Market Research Analyst
MASTERFLOW TECHNOLOGIES

📅 02/2024 - 08/2024   📍 Pune, India

A tech company specializing in data solutions

- Conducted competitive and behavioural market research for digital services
- Developed predictive models using Python (pandas, matplotlib) to analyse user investment patterns
- Produced visual dashboards in Tableau; reported on market size and revenue potential
- Presented findings to senior business leaders, supporting strategic decisions

EDUCATION

B.A. Economics
Savitribai Phule Pune University

📅 08/2021 - 05/2024   📍 Pune, India

KEY ACHIEVEMENTS

🏆 **Bank Call-Prediction Model Achievement**

Built a Random Forest pipeline with SMOTE achieving 88% accuracy, significantly reducing unnecessary calls in the Bank Call-Prediction Model project

SKILLS

Big Data   DLP   Econometrics   ERP

GitHub   Hadoop   HiveQL   IBM

Impala   MongoDB   MatplotLib

Microsoft Power BI

Microsoft Power Point   MLOps   NLP

Numpy   Pandas   pySpark   Python

Random Forest   Scikit-Learn   SQL

Survey Design   Tableau   Tally

Time Series   XGBoost   Tally ERP

Deployment   Benchmark

Machine learning   Statistics

Consumer behavior   Persuasion

Technology adaptation model

PROJECTS

Bank Call-Prediction Model

📅 06/2023 - 08/2023   📍 Pune, India

Predictive analytics project focused on improving call efficiency

- Built Random Forest pipeline with SMOTE; achieved 88% accuracy and reduced unnecessary calls by 30%

Credit-Risk Scoring

📅 07/2023 - 09/2023   📍 Pune, India

Developed a credit-risk scoring model for better assessment

- Trained model to classify loan defaulters (AUC 0.91); added explainability using SHAP

LANGUAGES

English
Native
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Hindi
Native
●●●●●

Marathi
Proficient
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TRAINING / COURSES

B.A. Economics

Key Courses: International Finance, Microeconomics, Digital Marketing, Statistics

PROJECTS

Loan Portfolio Analytics

📅 08/2023 - 10/2023   📍 Pune, India

Analyzed loan data to monitor risk in financial portfolios

- Queried ₹100 Cr loan data to produce dashboards tracking NPA trends and risk indicators

Direct Marketing Optimization

📅 09/2023 - 11/2023   📍 Pune, India

Optimized marketing strategies to enhance campaign effectiveness

- Simulated campaign outcomes across 40k customers; increased ROI by 18%, reduced cost by 12%