

ANANYA IYER

Email: ananya.iyer@outlook.com | Mobile: +91-9988776655

Portfolio: ananyadatascience.com | Hyderabad, Telangana

CAREER OBJECTIVE

Results-driven Data Science enthusiast with strong analytical skills and programming expertise seeking to leverage data-driven insights for business solutions.

ACADEMIC BACKGROUND

Bachelor of Science in Data Science and Applications

IIT Madras (Online Degree)

CGPA: 9.1/10.0

2022 - 2026

Diploma in Advanced Data Analytics

IIIT Bangalore

Percentage: 87%

2023 - 2024

CORE COMPETENCIES

Data Analysis & Visualization:

- Python (Pandas, NumPy, SciPy)

- R Programming

- Tableau, Power BI, Matplotlib, Seaborn, Plotly

- Excel (Advanced: Pivot Tables, VBA, Power Query)

Machine Learning & Statistics:

- Scikit-learn, XGBoost, LightGBM

- Regression, Classification, Clustering

- Statistical Analysis, Hypothesis Testing

- Feature Engineering, Model Selection

Big Data & Databases:

- SQL (MySQL, PostgreSQL)

- MongoDB, Cassandra
- Apache Spark, Hadoop
- Cloud: AWS, Google Cloud Platform

NOTABLE PROJECTS

Customer Churn Prediction Model | Jan 2024 - Mar 2024

- Analyzed telecom customer data of 100,000+ records to predict churn
- Built ensemble model combining Random Forest and XGBoost achieving 89% accuracy
- Identified top 10 features contributing to customer churn using SHAP values
- Presented insights to improve retention strategies reducing churn by 15%
- Tools: Python, Scikit-learn, Pandas, Tableau

Sales Forecasting Dashboard | Sep 2023 - Dec 2023

- Created interactive dashboard for retail sales forecasting using Power BI
- Implemented ARIMA and Prophet models for time series analysis
- Automated data pipeline processing 500K+ transactions daily
- Improved forecast accuracy by 22% compared to previous baseline
- Tools: Python, Prophet, Power BI, SQL

Healthcare Data Analysis | May 2023 - Aug 2023

- Analyzed patient records to identify disease patterns and risk factors
- Performed exploratory data analysis on 50,000 patient records
- Created visualization dashboards for hospital management
- Applied clustering algorithms to segment patient groups
- Tools: R, ggplot2, Shiny, MySQL

RESEARCH & PUBLICATIONS

- "Predictive Analytics in Healthcare" - Published in college research journal
- Presented paper at National Data Science Conference 2024

CERTIFICATIONS

- Google Data Analytics Professional Certificate - 2024
- IBM Data Science Professional Certificate - 2023
- Microsoft Certified: Azure Data Scientist Associate - 2024
- Tableau Desktop Specialist - 2023

TECHNICAL WORKSHOPS ATTENDED

- Advanced Machine Learning Workshop - IIT Delhi (3 days)
- Big Data Analytics Bootcamp - IIIT Bangalore (5 days)
- Data Visualization Masterclass - Analytics Vidhya

PROFESSIONAL EXPERIENCE

Data Analytics Intern | TechCorp Solutions | Summer 2024

- Analyzed customer behavior data to improve marketing campaigns
- Created 10+ interactive dashboards for business stakeholders
- Reduced data processing time by 50% through optimization
- Collaborated with cross-functional teams on data-driven decisions

ACADEMIC ACHIEVEMENTS

- Department Rank 3 in Data Science Program
- Best Project Award for Sales Forecasting Dashboard
- Merit Scholarship recipient for academic excellence

EXTRACURRICULAR

- Head of Analytics Club - Organized 8 data science competitions
- Kaggle Competition Participant (Top 5% in 2 competitions)
- Mentor for junior students in data analysis

LANGUAGES KNOWN

English, Hindi, Tamil, Telugu