

ANANYA IYER

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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