

Prajwal Guntnur Anantha

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EDUCATION

Northeastern University, Boston, MA

Expected May 2026

Master of Science in Data Analytics Engineering

GPA: 3.9/4

Courses: **Database Management System**, Probability and Statistical Modeling, **Data Visualization and Mining**, **Big Data**

Visvesvaraya Technological University, Bengaluru, India

Sep 2018 – July 2022

Bachelor's in Information Science and Engineering

Courses: **Software Engineering**, **Data Structures**, Operating systems, OOPS, **DBMS**, Computer Networks and System,

Software Testing, Artificial Intelligence and Machine Learning, **Big Data**, Supply Chain, **Data Mining and Warehousing**

SKILLS

- **Programming Languages:** Python, R, MATLAB, C, Pandas, NumPy
- **Databases & Query Languages:** SQL (SQL Server, PostgreSQL, Presto SQL), MongoDB, Firebase
- **Data Engineering & Processing:** ETL/ELT, Data Warehousing, Data Modeling, PySpark, A/B Testing
- **Data Visualization & BI:** PowerBI, Tableau, Qlik, Matplotlib, Seaborn
- **APIs & Tools:** RESTful APIs, Postman, SOAP API, ServiceNow, Jira, JMeter, VMware, Windows Server

WORK EXPERIENCE

Unisys - Data Analyst (Bengaluru, India)

Sep 2022 – Aug 2024

- Designed and optimized SQL queries for ETL processes, that improved data processing efficiency by 40%
- Achieved 99.9% uptime for banking applications through performance tuning, reducing incidents by 35% annually
- Implemented monitoring Client/server systems and APIs, cutting data issue resolution time by improving cross functional team productivity by 30%
- Automated API testing protocols using Postman, SOAPUI, and JMeter reducing testing cycles by 45% while ensuring data integrity
- Managed cloud environments (DNS, DHCP, VMware) that improved data access speed by 28% and enhanced reliability
- Led zero-downtime data migrations and version rollouts with comprehensive documentation and seamless transitions
- Built automation scripts using PowerShell that eliminate redundant dump files, enhancing storage capacity and system speed
- Created technical documentation and training materials that increased team data management efficiency by 25%

Preksh Innovation - Data Analytics Intern (Bengaluru, India)

Aug 2021 – Mar 2022

- Optimized object detection algorithm in Python, improving accuracy by 27% through efficient data cleaning and preprocessing
- Developed ML models for feature extraction and pattern recognition enhanced transportation imaging systems by 35%
- Conducted statistical analyses and structured visualizations to uncover insights, aligning solutions with business objectives

PROJECTS

Boston Crime Analysis

Jan – March 2025

- Conducted analysis of Boston crime data to identify hotspot areas, revealing a substantial 29.2% decrease in criminal incidents.
- Built ML models (Logistic Regression, K-Means) achieving 87% accuracy for predicting shooting incidents
- Created interactive dashboards using ggplot2, GIS mapping, and Data Explorer that visualized crime trends for stakeholders

New York Motor Vehicle Collision Data Analysis

Sep – Dec 2024

- Cleaned and preprocessed large-scale NYC collision datasets to ensure 99% data integrity for analysis
- Identified and analyzed KPIs, generated reports and interactive Tableau dashboards with calculated fields that reveal critical collision patterns and hotspots
- Delivered actionable insights from complex data that accelerated decision-making by 30%

Cost-Effective Farmer Support System

Dec 2021 – May 2022

- Implemented crop recommendation models using Random Forest, SVM and Gradient Boosting with 92% accuracy on soil data
- Efficiently engineered ML pipelines using Pandas, NumPy and Scikit-learn that reduced processing time by 35%.
- Performed EDA with Matplotlib and Seaborn visualizations that directly supported the Soil Health Card initiative

Achievements

- Monthly Star Performer award - Unisys
- Quiz Competition by Computer Society of India (3rd place)