

# DIKSHA NEGI

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## EDUCATION

### University of North Texas

May 2026 (Expected)

*Master's in Advanced Data Analytics, GPA – 3.8*

*Denton, TX*

*Coursework : Large Data Visualization, Data Analytics, Database Management Systems, Recurrent Neural Networks, Discovery and Learning with Big Data, Application and Deployment of Advanced Data Analytics.*

### University of Mumbai

June 2021

*Bachelor of Engineering in Electronics Engineering, CGPA – 6.92*

*Mumbai, India*

*Coursework: Database Management System, Applied Mathematics, Cyber Security and Laws, Internet of Things, Digital Circuit Design, Linear Control System, Power Electronics.*

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, SQL, Bash, HTML/CSS

**Data Tools:** Tableau, Power BI, MS Excel, MySQL, MongoDB

**Automation & Scripting:** Python (Pandas, NumPy), Bash

**Operating Systems:** Linux, Windows

**Other Tools:** Microsoft Azure, Git, MobaXterm

## EXPERIENCE

### JIO Platform Limited

*Navi Mumbai, India*

*Linux Admin*

*Nov 2021 – July, 2024*

- **Automated data workflows** using Ansible scripts, streamlining **data cleaning and preprocessing**, which **reduced processing time and improved data accuracy** for business insights.
- Enhanced **data infrastructure security** by collaborating on the upgrade of **3,000+ Linux servers**, improving **data integrity, compliance, and application performance**, resulting in **faster** and more reliable **analytics operations**.
- **Increased** operational efficiency **by 40%** through automation scripts (Python & Bash), minimizing manual **data handling**, which accelerated report generation and enabled faster **data-driven decision-making**.
- **Improved scalability and reliability** by leading the setup of Kubernetes-based **data infrastructure**, ensuring high availability of **data pipelines, reducing downtime, and supporting real-time analytics** with minimal disruptions.
- **Optimized data operations** by documenting **data pipeline configurations**, best practices, and troubleshooting steps, **reducing issue resolution time**, enhancing **team productivity**, and ensuring business continuity for **data-driven initiatives**.

### AICAN PVT. LTD

*Mumbai, India*

*Data Analyst Intern*

*June, 2021 – Oct 2021*

- Gathered, cleaned, integrated data from **databases and APIs** to analyze company performance and trends. Improved HR administrative efficiency by **50%** with real time updates to the Employee Management System.
- Conducted in depth data analysis, producing actionable insights to optimize sales strategies and decision-making. Built dashboards using **Tableau** to visualize employee and sales data, improving readability.

## PROJECTS

### Demographic Impact on Infectious Diseases | Tableau, Microsoft Excel, Python, SQL

- Analyzed demographic factors such as race, ethnicity, gender, and age to study their impact on infectious disease trends.
- Compared to *Random Forest* and *k-NN* models, identifying *Random Forest* as superior for predicting disease patterns based on robustness and feature importance. Delivered actionable insights to predict and understand disease prevalence across different demographic groups.

### Dashboard Development for Business Insights | Tableau Prep, Tableau

- Designed and developed comprehensive **Tableau dashboards** to visualize and analyze datasets across various business domains. Created KPIs and metrics to enable data-driven decision-making for strategic business planning.
- Presented interactive dashboards to stakeholders, illustrating trends and key performance indicators to support actionable insights.