

# KEERTHI MALATHKAR

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## Objective

Actively looking for internship opportunities in Data Analytics/ Data Science/ Data Engineer/ Software Engineer/ ML Engineer starting January 2024.

## Education

### University of North Texas, Denton, TX

01/2023 – Present

Masters in Advanced Data Analytics

GPA:4.0/4.0

**Course Work:** Data Analytics I, Harvesting, Storing and Retrieving Data, Discovery and Learning with Big Data, Data Analytics II, Large Data Visualization, Recurrent Neural Network, Deep Learning with Big Data, Agile for Analytics

### Osmania University, Hyderabad, India

06/2015 - 05/2018

Bachelor in Electronics and Communication Engineering

GPA:3.58/4.

## Skills

**Programming:** Python - Scikit-learn, NumPy, Pandas, Keras, R, MySQL, HTML, CSS, JavaScript, Data Structure

**Data Visualization:** Tableau, Power BI, Excel, Looker Studio, Matplotlib, Seaborn

**Modelling:** Linear Regression, ANOVA, Logistic regression, Decision trees, Random Forest, Simple RNN

**Other Tools:** Google Cloud Platform, Linux, Anaplan, Office365, Power Automate, SAS, TensorFlow, Apache Spark, Hadoop, IBM BAW, Docker, Jenkins, Kubernetes, Ansible, Git, Rapid Miner, Power Apps

**Core Skills:** Active listening, Assertiveness, Empathy, Conflict management, Restorative, Learner, Intellection, Connectedness, Shift Lead, Agile Methodology

**Domain Skills:** Banking, Finance, Supply chain

## Academic Projects

**Lay-off Analysis:** Using the ANOVA and Linear Regression Statistical techniques, analyzed the layoff count across different industries and countries. From the observation found the F-critical value as 3.15 and model score as 0.674.

**Chicago Crime:** Leveraging Big Data to fight Chicago crime using the open refine for big data preparation, Big Query for unlocking the insights by performing the query operation and showing the final outcomes using the looker studio.

**Operating Budget of Dallas:** Understanding the Operating budget of the city Dallas using the powerful visualization tool Tableau and transformed the data using Tableau Prep Builder and observe from the findings that Water utility department has highest expenses incurred for financial year 2022.

**Seoul Bike Riding Demand Prediction:** Using the Linear Regression, Decision Tree, and Random Forest Regressor predicted the demand of bike in the Seoul city and found the best prediction model for Random Forest Regressor with accuracy score of 0.92.

## Work Experience

### Capital Planning Student Assistant at University of North Texas, Denton, TX

06/2023 – Present

- Took ownership to build an application using power Apps for Auxiliary team for data collection during site inspection. And automated the application flow using the Power Automate to save the collected data to the backend data source-Excel.
- Created story boards or Project Charter using the PowerPoint for various construction projects.
- Provided business insights using the Power BI dashboard.

### System Engineer at Tata Consultancy services, Hyderabad, Telangana

01/2019 - 12/2022

- Automated complete administration and configuration tasks on Apache HTTPD Web Server, JBoss and WebLogic application servers using Jenkins and Ansible for 250+ applications
- Installed, Upgraded and configured middleware tools like JBoss, WebLogic, Apache-httpd on the Linux servers
- As a shift lead took ownership for ensuring the smooth operations, scheduling and monitoring the team performance.

## Activities and Honors

- Excellence Award (11/2023) - University of North Texas
- Best Team Award (05/2022) - Tata consultancy services
- Attended google's cloud migration summit
- Certified Google Associate Cloud Engineer
- Special Achievement Award (10/2019) -Tata consultancy services