

# DIKSHA BHATI

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## Education

### Delhi Technological University

*Master of Science in Applied Mathematics*

July 2022 – June 2024

7.9 CGPA

### Delhi University

*Bachelor of Science in Mathematics*

July 2019 – June 2022

9.09 CGPA

## Experience

### Yum! Brands

January 2024 – June 2024

*Data Science Intern*

- Automated cron job scripts and integrated them into **Airflow DAGs**, reducing new market rollout time by 60%.
- Created **ETL** pipelines for Snowflake to AWS S3, added API triggers, and resolved errors in Airflow DAGs, enhancing client-facing app reliability.
- Designed and maintained **Power BI** dashboards for Pizza Hut UK, providing key sales metrics. Automated weekly, monthly, and quarterly reports using Python and SQL, improving reporting efficiency by 50%.

### Episource

January 2022 – August 2022

*Machine Learning Intern*

- Analyzed over **2 million** records to identify patterns in calls and appointments, providing weekly insights to the US team.
- Applied statistical and machine learning models, and leveraged **Amazon SageMaker Autopilot** to accurately predict headcount for operations, resulting in a 10% increase in monthly appointments.

### Celebal Technologies

July 2021 – January 2022

*Data Science Intern*

- Analyzed the dataset to find anomaly of the RTO machine using features like temperature, air pressure, speed.
- Developed and deployed an anomaly detection **LSTM** model using **Azure Machine Learning & Azure DevOps**, resulting in a 40% reduction in false positives.

### Reomnify

April 2021 – June 2021

*Data Analyst Intern*

- Optimized **DBSCAN** unsupervised model to create clusters and effectively visualized them on a global map.
- Build an automated **streamlit web app** for data analysis results in a significant time savings of **15-20 hours weekly**.

## Projects

### SuperStore Analytics Dashboard [Github Link](#)

— Power BI, Excel

- Designed actionable insights for SuperStore through **Power BI**'s interactive dashboards, empowering optimized decision-making. Visualize sales, profit, top customers, states, YoY Sales Growth% and Gross Margin %.
- This dashboard can save the owner 3-4 hours of work for analysis.

### Image Captioning Web App [Github Link](#)

— Python, GPU, Google Colab, Flask, Keras, LSTM, CNN

- Implemented **Encoder-Decoder seq2seq** model for the extraction of visual features from an input image, achieved 89% accuracy and translated those features into a syntactically proper caption that describes the image.
- Utilized **Google Translate API** to convert captions into different languages and leveraged Flask gTTS to transform the captions into audio.

## Technical Skills

**Languages:** Python, SQL

**Technical:** Keras, Scikit-Learn, Matplotlib, Pytorch (Basic), Tensorflow, Flask, Streamlit, NumPy, Git, Microsoft Excel, Microsoft Power BI, Pandas, Microsoft PowerPoint, Airflow, Elastic Search, Kibana

## Achievements and Certifications

- Ranked **24/1800+** (**top 1 %**) in Widhya IPL **Data Analytics Competition**.
- Secured **Rank 70/6430 (top1 %)** in ICR - Identifying Age-Related Conditions Competition on **Kaggle**.
- Streamlit NLP app got recognized in the weekly Roundup on the streamlit community form.
- Achieved title of **Kaggle Notebook MASTER** and Kaggle 3x Expert.
- Solved **300+ questions on LeetCode**. [Leetcode Profile](#)
- Cleared Microsoft exams AZ-900: Microsoft Azure Fundamentals, AI-900: Microsoft Azure AI Fundamentals