

Mohan Krishna Tangirala

(Immediate Joiner)

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Analytical data analyst with experience in data wrangling, analysis, visualization, and machine learning. Skilled in Python, SQL, and Power BI. Develops data-driven solutions to drive business growth, integrating complex data sets and providing actionable insights.

PROFESSIONAL EXPERIENCE

Trainee Decision Scientist, Mu Sigma, Bangalore

July, 2023 – Apr, 2024

- Executed data wrangling tasks to clean and prepare datasets for predictive modeling, utilizing python libraries such as NumPy and Pandas.
 - Designed and implemented data transformations, including encoding, feature scaling, and aggregation, to optimize datasets for machine learning algorithms.
 - Conducted exploratory data analysis (EDA) using Pandas and Seaborn to uncover trends, anomalies, and patterns, resulting in valuable insights.
 - Developed and showcased interactive data visualizations with Microsoft Power BI to effectively communicate findings.
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SKILLS SUMMARY

- **Programming Languages:** Python
 - **Libraries:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, OpenCV, Streamlit, BeautifulSoup
 - **Data Analysis:** Data Wrangling, Microsoft PowerBI, MS Excel
 - **Databases:** MySQL, PostgreSQL
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EDUCATION

Bachelor of Technology, Koneru Lakshmaiah University

Jun, 2019 – Apr, 2023

- Pursued Bachelor's degree in the stream of Computer Science and Engineering with a GPA of **7.97**
 - **Academic Achievement:** Graduated with **Distinction**.
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PROJECTS

Happy – Sad Classification

- Developed a binary image classification model designed to classify images into Happy and Sad.
- Implemented the model using Python, TensorFlow, and OpenCV for efficient image processing and deployed it using Streamlit for interactive use.

Whatsapp Chat Analysis

- Developed a solution to analyze, visualize, and extract insights from Whatsapp conversations.
- Implemented the solution using Python, Pandas, Matplotlib for data processing and visualizations and deployed it using Streamlit.

Comment Toxicity

- Developed a deep learning model to predict and classify comment toxicity as Toxic or Non-Toxic.
- Implemented the model using Python, TensorFlow, and OpenCV for effective processing and deep learning model deployment.

EDA – Bank Marketing

- Bank marketing EDA involves analyzing customer data to uncover patterns and identify factors influencing behavior, enhancing marketing strategies.
- Implemented using Python, Pandas, Matplotlib, Seaborn for data processing and visualizations.