

GIDDA MANOJ KUMAR

giddamanojkumar2006@gmail.com

+91-9949071134

<https://www.linkedin.com/in/manoj-kumar-gidda-0bbb94299/>

EDUCATION

Sathyabama Institute Of Science and Technology

Bachelors of Engineering in Data Science

2023-2027 | CGPA:6.9

PROJECTS

Loan Approval Prediction System Using Machine Learning: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Jupyter Notebook.

- Developed a machine learning model to predict loan approval status based on applicant details such as income, education, credit history, loan amount, and property area. Performed data preprocessing, including handling missing values, encoding categorical variables, and feature selection. Conducted EDA and visualizations to understand factors influencing loan approval. Documented insights and conclusions in a Jupyter Notebook, highlighting the importance of credit history and applicant income in loan approval decisions.

May-2025

Airlines Analytics dashboard

- Built an interactive Tableau dashboard to analyze restaurant global airline data, flight operations, runway infrastructure, and airline preferences.
- Used filters, calculated fields, and visual charts to clean data and highlight key insights.
- Identified factors influencing average flight delays by airline, airline growth over time, airport types, and runway surface composition.
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Customer Behavior Analysis

- Analyzed customer transaction data using Jupyter Notebook, Pandas, and PostgreSQL to understand purchasing patterns and discount usage.
- Cleaned, transformed, and queried data using SQL for deeper insights into customer segments and spending behavior.
- Built an interactive Power BI dashboard to visualize key trends such as high-value customers, category preferences, and revenue drivers.

CERTIFICATIONS

- Academor Data Analytics
- Techknots Certificate Tableau
- NPTEL Certificate Introduction with Data Base System
- Professional training on Data Stories Diving into Data Science

March -2025

ACHIEVEMENTS

Successfully completed an internship at Academor, gaining hands-on experience in data analysis and building interactive Tableau dashboards for real-world datasets. Strengthened skills in data visualization, insights generation, and analytical storytelling.

SKILLS

Languages : Python , Java(Basic),SQL (Intermediate), R programming

Tools : Pycharm, VScode ,GoogleColab, MySQL, Rstudio

Library : Mathplotlib , Pandas ,Numpy,seaborn.Streamlit

Soft Skill-Analytical skills , Problem Solving Skill, Teamwork