

# B. RANJANI

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## About

Detail-oriented and enthusiastic B.Tech student specializing in Artificial Intelligence and Data Science, with hands-on experience in data analysis, machine learning, and data visualization. Proficient in Python, SQL, and Power BI, with a strong foundation in analytical thinking and problem-solving. Seeking a **Data Analyst** role to apply technical skills and drive data-driven decision-making in a dynamic organization.

## Technical Skills

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|---|--|---------------------|
| • Data Analysis: Pandas, NumPy, SQL                 | • Machine Learning: Scikit-learn, TensorFlow, Keras, CNN, Tree Classifiers | • Tools: Git, Figma |
| • Data Visualization: Power BI, Matplotlib, Seaborn | • Programming: Python, R   |                     |

## Education

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2022 - 2026

**DMI College of Engineering, Chennai** – *B.Tech (Artificial Intelligence and Data Science)*

Achieved a strong academic record with a current CGPA of 8.4, reflecting consistent performance in core data science and analytics courses. Specialized coursework in data analysis, machine learning, and data visualization.

## Internship Experience

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**Vulture Lines Pvt Ltd, Anna Nagar** – *Data Analyst Intern*

Feb 2025 – Mar 2025

- Analyzed large datasets using Python to uncover trends, patterns, and actionable insights
- Built interactive dashboards in Power BI to visualize key metrics and support business decisions
- Cleaned and transformed raw data to ensure accuracy and efficiency in reporting

## Projects

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### Zepto Inventory Analysis (SQL)

- Performed SQL-based analysis on e-commerce inventory data to optimize stock and uncover revenue insights.
- GitHub: [https://github.com/ranjanihub/zepto\\_inventory\\_analysis](https://github.com/ranjanihub/zepto_inventory_analysis)

### Uber Analysis (SQL & PowerBI)

- Analyzed Uber ride data using SQL and Power BI to uncover insights on trip trends, peak hours, and high-demand locations. Built an interactive dashboard to help visualize patterns and support data-driven decisions for optimizing ride operations.
- GitHub: [https://github.com/ranjanihub/uber\\_analysis](https://github.com/ranjanihub/uber_analysis)

## Certifications

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| • Google Data Analytics (Coursera) | • Advanced Diploma in Python Programming (CSC) |
| • Learnathon (GUVI)                | • Power BI (NoviTech)                          |