

# YOGESH R

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## Professional Summary

Motivated and detail-oriented MCA student with hands-on experience in real-world data science applications, including AI based systems, **data visualization**, **NLP**. Proficient in **Python**, **SQL**, **Power BI**, **ML techniques**, **MS Excel**, automate processes, and deliver actionable insights through interactive dashboards. A proven track record of transforming data into strategic recommendations positions well for an entry level Data Scientist or Analyst role and Internship. Eager to contribute to **data-driven decision-making** in a dynamic corporate environment.

## Technical Skills

- **Languages:** Python, JavaScript
- **Web Development:** HTML5, CSS3, Flask
- **Visualization & Reporting:** Power BI, Excel, Tableau
- **Tools & IDEs:** Git, GitHub, Visual Studio Code, PyCharm, MS Office, SQL, ORACLE

## Professional Experience

Data Science Intern

Edutentar | Bengaluru

- Completed hands-on internship focused on data cleaning, preprocessing, and exploratory data analysis.
- Worked with Python, Pandas, NumPy and Matplotlib to handle and visualize datasets.
- Built simple machine learning models and evaluated them using accuracy and basic metrics.
- Improved practical skills in data handling, model building, and problem-solving.

## Education

Master of Computer Applications (MCA) , Alagappa University ,Karaikudi – 630003 | Expected **04\2026**

Bachelor of Computer Applications (BCA), Alagappa Govt. Arts College, Karaikudi - 630003

## Certifications & Achievements

TCS NQT – Passed with a score of 58.49%

Data Science: What is Data Science – Coursera

Data Science Course & Internship – Edutentar

Tata Forage – Data Visualization Internship Certification (2025)

Forage Deloitte – Data Analytics with GenAI Internship Certification (2025)

## Project:

### Real-Time Chatbot Using NLP

Developed a real-time chatbot using Python, NLTK, and JSON-based intent data, implementing key NLP techniques such as tokenization, stemming, text preprocessing, intent classification, and pattern matching to understand user input and generate accurate responses. Built a modular architecture for handling data processing, intent detection, and response generation, enabling the chatbot to deliver instant, human-like conversations for greetings, FAQs, and general queries.

#### Tools Used:

Python, NLTK, JSON, VS Code

#### Techniques Applied:

Tokenization, Stemming, Text Preprocessing, Intent Classification, Pattern Matching, Modular Program Structure, Real-Time Interaction Handling

### Car Resale Value Prediction Using Machine Learning

Developed a machine learning model to predict car resale values using key features such as brand, manufacturing year, fuel type, and transmission. Utilized Python, Pandas, and Scikit-learn for data cleaning, processing, and model development. Implemented and compared Linear Regression and Random Forest algorithms to achieve reliable and accurate price predictions.

## Soft Skills:

- Critical Thinking & Problem Solving
- Adaptability & Learning Agility
- Collaboration & Teamwork
- Effective Communication Skills

## Languages:

Tamil, English