

# SOMESHWAR M

DATA ANALYST | PYTHON • SQL • EXCEL • POWER BI

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## PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented aspiring Data Analyst with a strong foundation in statistical methods and data visualization. Possess hands-on experience in data manipulation and analysis using Excel, SQL, and Python through academic projects and practical learning. Thrive in collaborative environments and am committed to transforming complex data into actionable insights that support data-driven decision-making.

## EDUCATION

**Master of Science in Data Analytics** **CGPA 3**  
Christ University, Bangalore | 2024-ongoing

**Bachelor of Commerce in Business Analytics** **CGPA 3.8**  
KPR College of Arts, Science and Research, Coimbatore. | 2020-2023

**Higher Secondary Education** **70%**  
AVP Trust National Matric Higher Secondary School, Tirupur. | 2018-2020

**SSLC** **83%**  
AVP Trust National Matric Higher secondary School, Tirupur. | 2018

## SKILLS

- Data Analysis
- Data Cleaning & Preprocessing
- Data Wrangling
- Exploratory Data Analysis
- SQL Database Management System
- Python - Pandas, Numpy, Matplotlib
- Excel - VLOOKUP, Power Query
- Power BI - Data Visualization
- Dashboards & Reports

## INTERNSHIPS

### Deloitte Australia Data Analytics Job Simulation on Forage - June 2025

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau
- Used Excel to classify data and draw business conclusions

### Accenture North America Data Analytics and Visualization Job Simulation on Forage - May 2025

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modeled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

## CERTIFICATION

- Data Analysis With Python - IBM
- Data Analysis with Numpy and pandas -Scaler
- Python for Data Science - Great Learning
- C for beginners - Great Learning
- Advanced Microsoft Excel - Udemy
- Advanced Communicative English - Great Learning
- Certification on leadership - NPTEL

## PROJECTS

### Grammar & Spelling Correction System (NLP, Streamlit)

Live App: <https://grammarandspellingdetection1-4y36nhdvnmkugejns2s2zk9.streamlit.app/>

- Built an NLP-based text correction system combining rule-based validation and transformer-based contextual refinement.
- Implemented spelling correction using edit-distance algorithms and applied POS tagging for grammar validation.
- Developed and deployed a real-time Streamlit web application for interactive text correction.

### Social Media Engagement Analysis (Python, EDA)

GitHub: <https://github.com/Somesh1810/Social-Media-Engagement-Analysis>

- Performed exploratory data analysis on 500+ engagement records using Pandas and NumPy.
- Built statistical summaries and visualizations (histogram, boxplot) to analyze category-wise performance.
- Identified engagement trends to support data-driven content strategy decisions.

### Emotion Detection App (CNN, TensorFlow)

GitHub: <https://github.com/Somesh1810/emotion-detection>

- Developed a CNN-based facial emotion recognition model using TensorFlow/Keras.
- Processed and normalized 48×48 grayscale images for multi-class emotion classification (7 categories).
- Deployed an interactive Streamlit app to perform real-time emotion prediction with confidence scores.