

SOMESHWAR M

DATA ANALYST | PYTHON • SQL • EXCEL • POWER BI

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Portfolio: <https://somesh1810.github.io/somesh-portfolio/>

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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 CGPA 3.8

Business Analytics

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

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://grammarandspellingdetection1-4y36nhdmkugejns2s2zk9.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 48x48 grayscale images for multi-class emotion classification (7 categories).
- Deployed an interactive Streamlit app to perform real-time emotion prediction with confidence scores.