



Reshma Suresh Babu

Aspiring Data Scientist | Certified Specialist in Data Science & Analytics

My proficiency in data processing, predictive modeling, and validation, coupled with my expertise in using Python scripting languages (NumPy, pandas, scikit-learn, matplotlib, etc.), SQL, data visualization, Tableau, and Machine Learning make me well-suited for a career in data science.

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📁 reshmasbabu.github.io/reshma_suresh_babu_projects.github.io/

🔗 github.com/reshmasbabu

WORK EXPERIENCE

Digital Marketing Executive Swals Assist Hong Kong

04/2019 - 09/2020

Achievements/Tasks

- Managed Website updates, Digital marketing campaigns, and Analytics reports to increase traffic by 20%
- Database management resulted in a 25% decrease in data entry time
- Search engine optimization and social media marketing through engaging contents and effective target marketing

Assistant Professor College of Engineering, IHRD Cherthala

08/2017 - 04/2018

Achievements/Tasks

- Trained students on Data mining, Computer architecture, Python, and DBMS
- Created course materials including syllabi, assignments, and exams

Assistant Professor Michael's Institute of Management and Technology

05/2015 - 04/2017

Achievements/Tasks

- Trained students on Computer architecture, Statistics, Mathematics, and Database Management systems
- Delivered lectures and led classroom discussions

EDUCATION

Masters in Computer Science and Information Science

Cochin University of Science and Technology

08/2014 - 08/2016

- CGPA 9.26

B-Tech in Computer Science and Engineering Mar Athanasius College of Engineering

08/2010 - 06/2014

- CGPA 7.98

SKILLS

Data Visualisation

Machine Learning

SQL

Explanatory Data Analysis

Python

NumPy

Pandas

Matplotlib

Seaborn

Tableau

PyCharm

Python Flask

Streamlit Framework

VS Code

MS Office

DATA SCIENCE PROJECTS

Singapore tourism expense prediction system

- In this group project done from ICT Academy, we aim to propose an Expense Prediction System for Singapore tourists with the use of ML algorithms like SVM, Linear Regression, Random Forest, Decision Tree, KNN, and SVR, are used to predict tourist expenses.

Movie Recommendation System

- Using this type of recommender system, if a user watches one movie, similar movies are recommended.

Github Link of all projects

- https://reshmasbabu.github.io/reshma_suresh_babu_projects.github.io/

CERTIFICATIONS

Certified Specialist in Data Science & Data Analytics from ICT Academy, India (08/2022 - 01/2023)

Learned concepts of Data Science and Machine Learning Algorithms Analyzed data to find trends and patterns, then communicated findings to stakeholders using visualization tools such as Tableau Completed projects that involved data cleaning, pre-processing, and manipulation of data from various sources using Python which led to a 10% decrease in error rates. Created regression, classification and clustering models to predict future outcomes with 80% accuracy.

Learning Python for Data Analysis and Visualization from Udemy (01/2023)

The course covers topics such as data cleaning, data exploration, and creating visualizations using popular Python libraries such as Pandas and Matplotlib. Upon completion of the course, I am upskilled with necessary information to analyze and visualize data using Python.

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency