

Keerthana V

Data Scientist

Experienced in leveraging advanced statistical and machine learning techniques to derive actionable insights and drive business decision-making. Seeking a challenging role to apply analytical skills and contribute to data-driven strategies.



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SKILLS

Python

Pandas

Numpy

Regression

Classification

SQL

MLflow

GIT

GenAI

NLP

Azure Databricks

Azure DataFactory

LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Full Professional Proficiency

WORK EXPERIENCE

Senior Analyst - Data Science

Tiger Analytics

12/2021 - Present

Achievements/Tasks

- Performed exploratory data analysis (EDA) to understand the distribution and relationships among variables.
- Handled missing data, outliers, and normalize variables as required.
- Evaluated correlations between variables to identify potential multicollinearity.
- Used statistical methods and domain knowledge to select relevant features for the regression model.
- Applied multiple regression techniques (linear regression, ridge regression, etc.) to identify the best-fit model.
- Evaluated the model's performance using metrics like R-squared, Mean Squared Error (MSE), and Adjusted R-squared.
- Deployed the ML model using MLflow in Azure Databricks.

Analyst

Tata Consultancy Services

09/2018 - 12/2021

Achievements/Tasks

- Collaborated with business stakeholders to understand requirements and deliver actionable insights.
- Analysed large amount of data from various sources and performed Data cleaning and pre-processing and feature selection.
- Applied multiple classification techniques (logistic regression, Random Forest classifier, XGBoost) to identify the best-fit model.
- Created probabilistic models that helped the client reducing the manual effort by over 30%.
- Developed a Python module that can be used to validate input files, preprocess data, perform data.

CERTIFICATES

DeepLearning.AI - Generative AI with Large Language Models

EDUCATION

B.E Computer Science

Coimbatore Institute of Technology, Anna University

06/2014 - 04/2018

Coimbatore, India