

ADARSH MALLICK

ASSOCIATE DATA SCIENTIST

A motivated and enthusiastic Data Scientist with 1.5 years of experience. Seeking a challenging position or job in Data Science, Machine Learning, Deep Learning, NLP & Data Analytics. Being a professional want to work with a team of inspired people in a dynamic workplace.



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WORK EXPERIENCE

JR. DATA SCIENTIST

ThinkZy Tech

2021 - Present

- Involved in data collection, preprocessing, data modelling and analysis.
- Presenting information using data visualization.
- Artificial Neural Network development using Python.
- Implement new statistical or mathematical methodologies for specific model or analysis.
- Managed teams and multiple projects.

PROJECTS

Sentiment Analysis

Python | Pandas | Seaborn | Scikit-learn | Jupyter | Notebook

This is a classification problem, where the goal is to predict the sentiment of a product review as positive, negative, or neutral. Algorithms used for this project include Naïve Bayes, support vector machines (SVMs).

Default Risk Analysis

Python | Pandas | Seaborn | Scikit-learn | Jupyter | Notebook

This project aims to identify patterns which indicate if a client has difficulty in paying their installments which may be used for taking actions such as denying the loan, reducing the amount of the loan, or predicting if a client will default or not.

Customer Churn Prediction

Python | Pandas | Seaborn | Scikit-learn | Jupyter | Notebook

This project aims to treat unsatisfied customers' problem and make the telecom company's revenue flow.

Algorithms used for this model include Logistic Regression, Decision Tree, Random Forest.

Fraud Detection

Python | Pandas | Seaborn | Scikit-learn | Jupyter | Notebook

This is a classification problem, where the goal is to predict whether a financial transaction is fraudulent or not. Algorithms used for this project include decision trees, random forests.

SKILLS

Python

SQL

Machine Learning

NLP

Deep Learning

Neural Network

Predictive Analysis

Statistical Analysis

Data Analysis

Data Visualization

Tensor flow

Power BI

Tableau

MS Excel

HTML

CSS

Java Scripts

EDUCATION

B.TECH (IT),

ARYA COLLEGE OF ENGINEERING & IT,
JAIPUR

SENIOR SECONDARY,

DAV PUBLIC SCHOOL, BSEB COLONY,
PATNA

Optimization Model (Min. Convective Heat Loss)

Python | Pandas | Keras | Scikit-learn | Artificial Neural Network | Jupyter Notebook

An ANN model was developed to minimize the convective heat loss from the cavity receiver based on particular geometry and under different testing conditions. Further we involved to minimize the errors of the ANN by determining the optimum value of heat convection.

Quiz App

Python | SQLite | VS Code | Command Line

Build a command line python software which allows users to take quiz and view their scores of current and previous quizzes. Admin can add & delete question or options of MCQ. SQLite 3 is also used in this for the back-end processes, i.e., as databases.