



# ADARSH MALLICK

DATA SCIENCE/  
MACHINE LEARNING

## CONTACT

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## SKILLS

Python

Data Analysis

Data Visualization

Machine Learning

SQL

Deep Learning

Jupyter Notebook

GitHub

Tableau / Power BI

HTML/CSS/JavaScript

## LANGUAGES

English

Hindi

## PROFILE

- An engineering graduate in Information technology currently working in Python, Data Science.
- Good understanding of various data structures and common method of data transformation.
- Experience with common data toolkits, such as NumPy, Pandas etc.
- Skilled in few software, Programming, business intelligence tools, and communication.

## WORK EXPERIENCE

### Jr. Data Scientist, ThinkZy Tech, Jaipur

AUG 2021 - SEPT 2022

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

## EDUCATION

B.Tech (IT), Arya College of Engineering & IT, Jaipur

Senior Secondary, DAV Public School, BSEB Colony, Patna

## PROJECTS

### ANN-PSO Optimization Model

*Python | Pandas | Keras | Scikit-learn | Jupyter Notebook  
Artificial Neural Network | Particle Swarm Optimization*

An ANN model was developed to minimise the convective heat loss from the cavity receiver based on particular geometry and under different testing conditions. Further PSO is involved to minimize the errors of the ANN by determining the optimum values for the weights and biases of the model.

### IMDB Sentiment Analysis

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

Build a decision tree machine learning model on a IMDB dataset using few natural language processes like stemming, lemmatization, text vector generation etc.

### 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.