Data Analyst/ Data Scientist

AMIT SINGH PARIHAR

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GitHub: https://github.com/amitsinghparihar1/Data_Science_Projects

SKILLS

- Machine Learning
- SQL
- Python
- Statistics
- Deep Learning
- Flask
- Power BI
- Feature Engineering

- Exploratory Data Analysis
- Data Analysis
- Communication
- Problem Solving
- Analytical Skills
- Team Management

PROJECTS

CAR PRICE PREDICTION

- Explored car listings dataset for insights.
- Cleaned and preprocessed data for modeling.
- Visualized trends and relationships.
- Prepared data for future machine learning.
- Evaluated model performance using Mean Squared Error (MSE).

DEEP LEARNING ANN Model - Customer Churn Prediction

- Goal: To predict whether a particular person will pay a loan or not.
- Developed an Artificial Neural Network (ANN) model to predict customer churn in a business setting.
- Utilized historical data to train the model, including customer behavior, demographics, and interaction history.
- Achieved high predictive accuracy, providing valuable insights for customer retention strategies.
- Contributed to data-driven decision-making through proactive customer churn management.

CNN IMAGE CLASSIFICATION - Dog vs. Cat

- Designed and implemented a Convolutional Neural Network (CNN) for precise dog and cat image classification.
- Prepared and augmented a diverse dataset, divided into training, validation, and test sets.
- Developed a custom CNN architecture, optimized hyperparameters, and achieved good accuracy.

FLIGHT FARE PREDICTION

- Successfully handled a challenging project with categorical independent features.
- Employed Label Encoder and One-Hot Encoding to convert categorical data into numerical values.
- Demonstrated the ability to manually handle data conversion without relying on external libraries.

WORK EXPERIENCE

Samatrix Consulting Private Limited- intern   Jul 2023 - Jul 2023 (1 month)

INTERNPE – intern   Aug 2023 – Sept 2023

EDUCATION

LNCTU
BCA, AI/DA
Nov 2021 - Jun 2024
- Currently Pursuing BCA With Specialization In AI/DA
- Percentage/CGPA: 8.08 (1st – 4th Sem)

Bonanza Convent Higher Secondary School
Science
- Percentage/CGPA: 63%

LICENSES & CERTIFICATIONS

- Data Analytics and Visualization Virtual Experience – Accenture
- British Airways Data Science - British Airways
- Certificate of Accomplishment - Samatrix Consulting Private Limited (Data Analysis using Python)
- Certificate of Accomplishment - Samatrix Consulting Private Limited (Statistical Data Analysis using Python)
- Certificate of Accomplishment - Samatrix Consulting Private Limited (Foundation to AI Data Science & Data Analysis)