AMIT SINGH PARIHAR

Indrapuri Sector-C, Bhopal, Madhya Pradesh, India
☎ Contact no: 9009106799
Gmail-amitsinghp1007@gmail.com
Portfolio: https://amitsinghparihar.netlify.app/
LinkedIn: linkedin.com/in/amit-singh-parihar-072436215
GitHub: https://github.com/amitsinghparihar1/Data_Science_Projects

SKILLS

- **DS/ML/AI** – Python, Statistics, Machine Learning, Deep Learning, NLP, DS lifecycle, Transfer Learning.
- **ML Framework/modules** – Sklearn, Tensorflow, keras, Numpy, Pandas, Transformers etc.
- **Programming and DB Languages** – Python, MySql.
- **Data Visualization** - Power BI, Matplotlib, Seaborn.
- **Soft Skills** - Communication, Teamwork, Negotiation Skills, Adaptability, Leadership.

PROJECTS

BREAST CANCER PREDICTION – Personal Project **August 2023**

- Objective: Employed machine learning techniques to effectively classify breast masses as malignant or benign.
- Dataset: Analyzed a comprehensive dataset containing unique IDs, diagnosis labels ('M' for malignant, 'B' for benign), and ten distinct features extracted from cell nuclei in breast mass images.
- Model Evaluation: Demonstrated proficiency by utilizing random forest and decision tree classifiers, achieving a commendable accuracy rate of 90%. Moreover, employed logistic regression, which yielded exceptional results with a superior recall rate of 97% for the early detection of cancer.

DEEP LEARNING ANN Model – Personal Project - Customer Churn Prediction **September 2023**

- Objective: Successfully crafted an Artificial Neural Network (ANN) model dedicated to forecasting customer churn within a corporate context.
- Approach: Leveraged extensive historical customer data encompassing behavioral patterns, demographic information, and interaction records.
- Outcomes: Demonstrated proficiency by attaining model stability, reflected in a training loss of 0.3189 and an impressive accuracy rate of 0.8629.

CNN IMAGE CLASSIFICATION - Personal Project - Dog vs. Cat **October 2023**

- Objective: Engineered a cutting-edge Convolutional Neural Network (CNN) model to achieve high-precision image classification, specifically distinguishing between dogs and cats.
- Achievements: Delivered exceptional results, highlighted by an impressively low training loss of 0.0786 and an outstanding training accuracy of 96.85%. These outcomes underscore the model's remarkable proficiency in accurately categorizing dog and cat images.

WORK EXPERIENCE

Samatrix Consulting Private Limited- intern (Data Analysis Using Python) **Jul 2023 - Jul 2023 (1 month)**

FLIGHT FARE PREDICTION – Internship Project

Key Achievements**:**

- Effectively managed a complex project featuring categorical independent features.
- Utilized advanced data preprocessing techniques, including Label Encoder and One-Hot Encoding, to transform categorical data into numerical values.
- Demonstrated strong proficiency in manual data conversion, showcasing the ability to handle these tasks independently without the reliance on external libraries.

EDUCATION

LNCTU(Bhopal) **September 2021 - Present**

Bachelor of Computer Applications (BCA) with Specialization in AI/DA

CGPA - 8.08

BONANAZA CONVENT HIGHER SECONDARY SCHOOL (Satna) **April 2019 -July 2020**

PCM With a Percentage – 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& DataAnalysis