

AMIT SINGH PARIHAR

Indrapuri Sector-C, Bhopal, Madhya Pradesh, India

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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

PIMA INDIAN DIABETES PREDICTION - Personal Project

June 2023

- **Objective:** Implemented predictive modeling to identify diabetes risk in Pima Indian females aged 21 and above using pertinent medical data.
- **Key Insights:** Uncovered significant factors influencing diabetes risk, including glucose levels, pregnancy history, skin thickness, insulin levels, and body mass index (BMI).
- **Model Performance:** Achieved notable results by employing a Decision Tree Classifier, which demonstrated superior performance with an accuracy rate of 77%, contributing to the effective identification of diabetes Risk.

DEEP LEARNING ANNModel – 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)