

AMAN BHATT

ML Engineer



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🖱 Portfolio 🔄 amanbhatt97

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SUMMARY

Data enthusiast and a proficient data scientist with a background in civil engineering. Currently working as a machine learning engineer, applying advanced algorithms and techniques to solve complex problems. Passionate about leveraging data-driven insights to address real-world challenges. Continuously learning and seeking opportunities to further enhance my skills in data science.

EDUCATION

Civil Engineer

Aligarh Muslim University

2015 – 2019

Grade: 9 CGPA

Intermediate

Bal Vidya Mandir Sr. Sec. School

Percentage: 91.25%

TECHNICAL STACK

Data Science/Machine Learning/Deep Learning

Python, SQL, Statistics, Data Visualization, Feature Selection techniques, Machine Learning algorithms, ANN, CNN, RNN, LSTM, GRU

Python packages and Frameworks

Numpy, Pandas, Matplotlib, Plotly, Scipy, Scikit-learn, Tensorflow, Keras, Pyspark, Streamlit

Analytics and Big Data Tools

Advanced Excel, PowerBI, Tableau, Apache Spark, Hadoop

PROFESSIONAL EXPERIENCE

Climate Connect Digital

Machine Learning Engineer

08/2022 – present

- Price forecasting for different markets of IEX (the major power exchange of India),
- Predicting Imbalance Prices; SSP (System sell price) & SBP (system buy price) for UK electricity market.

S & B Engineers & Constructors

Engineer

08/2019 – 09/2020

- Design foundation for different equipment and structures that are usually present in oil refineries using softwares like AutoCAD, StaadPro, RISA Base, Foundation 3D, RAM Connection etc.

PROJECTS

IEX Price Forecasting

Forecasted electricity prices for the day-ahead and real time market of IEX and developed a streamlit web application for visualization.

Movie Recommendation System

Developed a streamlit web application for a content based movie recommender system using cosine similarity based on TMDB datasets of more than 5000 movies.

Olympics Data Analysis

Analysed the past years summer olympics record between 1896 and 2016.