Jawad Khan DATA SCIENTIST

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EDUCATION

FAST NUCES
BS in Data Science
Aug 2023 - Aug 2027
Lahore, Pakistan
Cum. GPA: 3.27 / 4.0

PUNJAB GROUP OF COLLEGES
Grad. Aug 2022 | Lahore, Pakistan

SKILLS

PROGRAMMING

Languages:
• Python

• JavaScript

• TypeScript

• C++

• SQL

Tools:
• Git / GitHub

• MongoDB

• Postgres

• MS SQL Server

Framework and Libraries:

•Pandas • NumPy • Scikit-Learn

•Seaborn • Matplotlib

• Node JS • Express JS • React

Technologies:
• CSS
• HTML
• Chakra UI
• Tailwind
• Shadcn UI

PROJECTS

MOVIE RECOMMENDER SYSTEM USING IMDB DATASET   Mar 2024
• Trained a model on imdb dataset that uses KNN and cosine similarity to recommend most related movies .Used nltk library for tokenization , Vectorization and stemming using porter stemmer.

CRIME IN NEIGHBORHOOD Mar 2024
• Trained a model using Vancouver city dataset from Kaggle to predict longitudes and latitude also crime type using XGBoostClassifier and RandomForestClassifier.

SARIMAX Model on AIRLINE DATASET Feb 2024
• Trained a SARIMAX model to predict number of Passenger basically a timeseries model to predict the trend in flights booking.

ECOMMERCE WEB APP WITH STRIPE INTEGRATION Nov 2023
• Developed a E-commerce web application using Node JS and Express JS.
• Leveraged the JavaScript programming language to handle admin resources by interacting Sanity CRM APIS.
• Designed the frontend of the application using NEXT.JS and CHAKRA UI to provide a visually appealing and intuitive interface.
• Integrated Stripe APIS for online payment.

DIABETES PREDICTION Jan 2024
•Trained a model to Classify type of diabetes in patient using different Classification algos and fine tuned using RSCV.
• Used Pipelines to maintain the workflow for Feature Transformation, Engineering, Extraction and Scaling.

TEXT SENTIMENTAL ANALYSIS Sep 2023
• Trained a model to Classify Sentiments of text, social media posts, tweets etc.
• Used Naive Bayes algorithm for the prediction and to reduced Computational cost and Dimensionality Reduction used Principle Component Analysis to extract optimal number of features/components.

CERTIFICATIONS

DATA SCIENCES AND MACHINE LEARNING | E-Hunar Pakistan
SUPERVISED MACHINE LEARNING | DeepLearning.ai
ADVANCED REACT | Meta
PYTHON | Hacker Rank
PANDAS | Kaggle
AI for Everyone | DeepLearning.ai
TYPESCRIPT | Scrimba