



Murtaza Jabalpurwala

Data Scientist / AI Engineer

Certified data scientist and a machine learning engineer with 10+ months of experience in building data-intensive applications with experience in analyzing large-scale business needs and identifying the critical aspects of a proposed solution. Passionate to build interactive and intelligent systems that lay groundwork for revealing game-changing insights. I managed the day to day testing and integration operations of mission-critical data warehouses with vast daily data intakes. Highly-skilled in data visualization along with developing custom data models and algorithms to apply to data sets.



murtazajits@gmail.com



+49-1773420450



Berlin, Germany



linkedin.com/in/murtaza-jabalpurwala



github.com/MurtazaJ



EDUCATION

AI Engineering & Data Science Strive School

05/2021 - 12/2021

online

Courses

- Algebra
- Machine learning
- Computer Vision
- NLP
- Statistics
- Feature Engineering
- Deep learning
- Full Stack

MBA (Specialization in Project Management) Berlin School of Business and Innovation

10/2019 - 04/2021

Berlin (Germany)



PROJECTS

Fitness trainer web app (OpenCV | Pytorch | Python | Streamlit | Docker) (10/2021 - Present)

- Deep learning and computer vision based exercise predictor and count calculator.
- We are working on deploying it on Zoom, Google meet and Discord so that trainers can constantly track participants and motivate them in an session. Also, all the participants can see the amount of calories burnt for every other participant attending the session.

Recommendation system (Python | Pandas | SVD | NLP | Clustering) (01/2022 - 01/2022)

- The aim of the project was to identify opportunities from data provided to drive business solutions. This project consists of 3 types of recommendation system.
- 1. Most popular product: Based on the ratings received from customers I created a model that generates the top 10 selling products recommended to every user.
- 2. Collaborative filtering: Consider the user journey of various buyers I created a correlation matrix that enables user to find the product resembling the products bought from other users.
- 3. Model to find products for a new business: In this project we pass the all the products and its description with TFIDFVectorizer and create cluster and recommend products to customers based on the clusters.

Resume bot (NLP | Spacy | TensorFlow | Python | Flask | SQL) (12/2021 - Present)

- NLP based chatbot that will be trained from the career related question and will be able to answer question to HR while shortlisting the candidate.



SKILLS

Python

Git

Numpy

Pandas

Machine Learning

Data mining

Exploratory Data Analysis

Matplotlib

Seaborn

Plotly

Deep Learning

CNN

Pytorch

Tensorflow

Time-series Models

RNN

Computer Vision

open CV

NLP

Spacy

PySpark

Data Science

css

html

SQL

Tableau

Full Stack

Flask

AWS Sage Maker



CERTIFICATES

Strive School certification
(05/2021 - 12/2021)



LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

Italian

Professional Working Proficiency

German

Limited Working Proficiency



PROJECTS

Ecommerce order predictor (OpenCV | Pytorch | Python) (01/2022 - Present)

- AI based project to mine and analyze large data sets from company and drive optimization of product selection, marketing techniques and business strategies. I trained the model to predict the category based on the images of the product. Then we run a random forest classifier for predicting the best categories sold in the previous years.
- Based on these results we pass the model through the catalog of the new launches and allow the model to predict which products to be bought for the new purchase order.

Cryptocurrency stock price prediction (Timeseries modelling | TensorFlow | Python | Pandas | Streamlit) (09/2021 - 09/2021)

- Built an interactive app to load dataset of most popular crypto currencies and compare them with 4 different currencies for price.
- The first aim was to effectively and accurately collect prices from data gathering techniques.
- This app will forecast the prices for the next days that you want to predict.

Lane Detection (Open CV | Python) (10/2021 - 10/2021)

- Open CV based project to detect lane.

Used car price prediction (Machine learning algos | Pipeline | Gridsearch | Regression | Streamlit) (07/2021 - 07/2021)

- Simple regression problem to predict prices of the used car.
- Build an interactive app to find the prices.

Sentiment Analysis (NLP | Pytorch) (11/2021 - 11/2021)

- In this we predict the emotion based on the text given by the user and classified them between 5 different categories

Climate prediction (Python | Time Series Modelling | Feature Engineering | Pandas) (10/2021 - 10/2021)

- This is a regression based model with time series modelling where we predict the temperature for the next days based on the data of the previous years.



WORK EXPERIENCE

Business development manager

Expatrio

09/2020 - 09/2021

Berlin Germany

Providing solution for bureaucratic requirements for expats coming to Germany (Blocked Accounts, Insurance, Accommodation).

Achievements/Tasks

- Constant acquisition of new customers and maintenance of relationships. Strategically boosted presence in market by 40% in a year making it the biggest market.
- Synthesize market data with collected observations to bring resourceful insights for increasing sales and achieved an increase by 25%.
- Defined and implemented an operational strategy for commercial development as a regional manager and in 1 year made my market acquiring 33% of total sales and the top performing market.

Contact : Mr. Dominic (MD & Cofounder) - dominic@expatrio.com

Business Analyst

Noble Shoe Co.

04/2012 - 10/2019

Gujarat India

Online Store of Footwear

Achievements/Tasks

- Analyzed processed and found creative solutions to overcome challenges with old School legacy-based business being run for 30 years (retail) and converted it into a Digital business which can be controlled remotely only through the use of an android smartphone reducing working time by almost 20%.
- Business – Optimization projects. Scaling Business model. Measurable outcomes (KPIs). 20% revenue growth / 10% decrease in working hours of owner / Up to 20% in efficiency gains / 80% paperless business.

Contact : Mansoorali Fazal Abbas - nobleshoe@gmail.com



INTERESTS

Cycling

Chess

Yoga