Tamizharasan Govindasamy

Data Science Aspirent

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About Me

I am a B.Tech Graduate and data Science aspirent , after working in my core domine for 1.3 years , decided to change my career towards data science . In the Learning phase for past 6 months

Skills

- Python
- MySQL
- Mongo DB
- Pandas, Numpy, sklearn
- Data Visuvalization
- Seaborn, Plotly Dash, Matplotlib
- Statistics
- EDA
- Mashine Learning
- Supervised Lerning : Linear Regression, Desition Tree, Random Forest, SVM, Gradient boosting, XGBoost, Logistic Regression
- Unsupervised Learning : K-Means , PCA
- Problem Solving
- Microsoft Word, Excel
- Deep Learning Basics
- Power BI Basics

LANGUAGES

- Tamil
  Native or Bilingual Proficiency

- English
  Professional Working Proficiency

INTERESTS

Working with pandas

Analysing statistical records of cricketers

Curiosity in learning new things

Education

10/2022 - 02/2023	**IITM Advance Professional Programing with Master data science program** Guvi - IITM certification
2016 - 2020	**B.Tech Food Technology** JCT college of engneering and technology

Personal Projects

MASHINE LEARNING

Customer Convertio Prediction -> Model for an Insurence company to find their potential customers. This project involves steps like data cleaning, data manipulation, model building, and web app creation. Here different classifier models were tryed and best of them is considered for deployment.

DATA VISUVALIZATION

Zomato Worldwide data analysis -> Dashboard developement on Country wise, Indian city wise and world wise data analysis using plotly Dash

PhonePe Pulse data visuvalization -> This project involves cloning of data from Git Hub, Data Cleaning, Data Storage in SQL, Data Visuvalization with state, year and quadrant level drilldown using Plotly and web app using Streamilt.

IMAGE PROCESSING

Business Card Reader (OCR) -> A web app for extracting the information from the uploaded image . Technologies used are EasyOCR, Streamlit, SQL and Python

POWER BI VISUVALIZATION

Walmart sales Dashboard -> IAnalysis of Walmart sales data of different cities ,finding insites and building the dashboard for the important business decisions.

PhonePe Pulse Dashboard -> With the data od PhonePe Pulse from their official Git Hub page . This project consist of 8 dashboards with various insights about the statewise, country wise, yearwise, quadrant wise and top regions of state and country.
Visit this page for more details - https://express.adobe.com/page/FajQg9t8tfMIa/

EDA

EDA for data set from Kaggle :-> IMBD dataset, Top 5000 Youtube channel data set, UDEMY course details dataset EDA and visuvalization

PYTHON PROJECTS

Mock Aadhar Website using Python and MongoDB
-> Validation of details and store in Mongo Db database, Edit option for necessary things with E-mail OTP verification. PDF generation and download option for Aadhar card.

Login system using Python and SQL queries and file handlinng

Phonebook using Python and MongoDB

WORK Experience

05/2021 - 08/2022	**Deputy Manager(Dairy Bacteriologist)(Consolidate Basis)- Aavin DCPP, Tiruvannamalai** -> Leading the QC team to perform Quality check activities at the crucial times -> Analysing Daily, Weekly and Monthly reports for the better performance of the industry

Certifications

02/2023	**SQL(Intermediate) in Hacker Rank** https://www.hackerrank.com/certificates/9d91f3402988
01/2023	**SQL(Basics) Hacker Rank** https://www.hackerrank.com/certificates/122c7b07b28a
01/2023	**Excel Essential formulas and Function from Jobaaj** https://file.io/BXRtHaivtRGc
12/2022	**Certificate of Participation A two days workshop on fundamentals of SQL by One step grow academy** https://file.io/HxN8bOIED0qa
07/2017	**Certificate of participation** An Entrepreneurship awareness camp conducted by Department of Science and technology, Gov of India