Avez Shariq

Data Engineer

PROFESSIONAL EXPERIENCE

Assoc. Data Engineer   Dec '22 - Present

Data Semantics   Bangalore

- Created **Pipelines , control tables and Databricks Notebooks** for enhanced data transfer
- Saved up to 60% of development time by **automating development** like Control tables, Stored Procedures, Views etc., using Python
- Participated in architecture meetings and proposed **alternative solutions and improvements** to address existing issues
- Conducted **2 week training sessions** on Python and SQL to train other employees of the organisation

Data Analyst   Feb '21 - Dec '22

98thPercentile   Bangalore

- Created **dashboards and reports on Hubspot** mainly for Marketing and Sales and analysed its trends
- Trained on **new libraries in Python** and Javascript for both teachers and students
- Developed **3D animations** for commercial advertising and educational tools.
- Produced newsletters and marketing materials for both internal and external use.

EDUCATION

Post Graduate Diploma in Data Science   Feb '21 - Apr '22

IIIT Bangalore   Bengaluru, IN

- Course Modules:
  - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning and Linear Regression
  - Time Series Analysis | Telecom Churn Case Study | IMDB movie rating analysis | Image processing to predict cases of Skin Cancer

Master of Technology in Mechanical Engineering   May '14 - Jun '16

NIT Rourkela   Odisha, IN

Secured 8.72 CGPA

KEY PROJECTS

Domain: Sales Forecasting| Tech Stack: Python, Jupyter Notebook | Mar '22
- Objective: **Predict the sales** for a yet to be released drug based on 3 years of sales data of the store
- Solution: Performed data cleanup, **Exploratory Data Analysis** and **Time Series forecasting** with **Exogenous variables**
- Key Achievement: Concluded about negative impact of offers. Predicted the sales of next 6 weeks with above **60% accuracy**

Domain: Performance Prediction| Tech Stack: Python, Jupyter Notebook | Aug '22
- Objective: Report **Teacher performance** and find the **pitfalls in processes**
- Solution: Performed data cleanup, **Exploratory Data Analysis** on 2 years of data
- Key Achievement: Reported on KPIs of all teachers and pointed out the **inefficiencies in operations and other processes**

Domain: JSON Visualization| Tech Stack: Python, HTML, CSS | May '24
- Objective: **Visualise JSON** file for easier understanding
- Key Achievement: Parse any JSON file, determine total number of elements, display structure, accessible online (**https://avez-json-visualizer.glitch.me/**)

Domain: Learning Management System (WIP)| Tech Stack: Python, HTML, CSS, Flask | June '24
- Objective: Create **in-house LMS** for training purposes with no DB and no hosting
- Key Achievement: Installable Webapp, maintain data as json files in storage, create admin and its functions (**https://avez-json-visualizer.glitch.me/**)

CONTACT

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- Github
- Hyderabad, IN
- LinkedIn
- Kaggle
- Portfolio (avezshariq.github.io)

SUMMARY

Certified data analyst with experience in Time series forecasting. Skilled in conducting in-depth analysis to derive insights and provide actionable recommendations. Proficient in data visualization tools to deliver valuable insights and successfully execute projects for clients.

TECHNICAL SKILLS

Languages: R, Python, Javascript, MATLAB, Octave
Database Management: MS-SQL, MySQL
Data Visualization: Seaborn, Matplotlib, Power BI, Excel advanced
Python: Numpy, Pandas, PySpark, Sci-Kit Learn, FastAPI, Flask, pyodbc

CERTIFICATIONS

- **Kaggle Novice**

INTERESTS

- Published blogger on topics about tips and tricks of Matlab (https://medium.com/@avezshariq)
- Made recommendations on safety and economy of a High Altitude Test facility to ISRO
- Chess player with ELO 1500 (https://lichess.org/@/avezshariq/all)