



MOHAMMAD TANVIR

Data Scientist | Web Scraping
and Automation Expert

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EDUCATION

Master Of Science

University Of Dhaka
2012 - 2014

Bachelor Of Science

University Of Dhaka
2008 - 2012

SKILLS

- Data Analysis: Pandas, NumPy
- Data Visualization: Matplotlib, Seaborn, Plotly
- Web Scraping: BeautifulSoup, Scrapy
- Automation: Selenium, Playwright
- Machine learning : Regression, Classification
- SQL and database management
- Deep learning
- AI : LLM, RAG, AI Agent
- GUI : Tkinter, Customtkiner, PyQt6, Streamlit

ABOUT ME

Data scientist and Python expert with 3+ years of experience in data analysis, web scraping and automation. Proficient in Python, data visualization, machine learning, RAG and AI agents. Passionate about solving complex problems and driving business insights.

PROJECTS

- Scraped and analyzed bulk amount datas of stuffs from websites of universities of USA to sell an educational product
- Built a python script to scrape twitter comments to analyze reviews of a product
- I created an app which can create SQL query from natural text and execute the SQL queries to get the data from MySQL databases. Here , I used mult LLMs, i.e LLAMA3.1, gemini-1.5-pro, gemini-1.5-flash, and mixtral-8x7b-32768
- I built a RAG app where any data can be extracted from multiple PDFs by Q&A. I used here langchain, gemini-1.4-flash as LLM, streamlit as GUI.
- I did more other data analysing and data science related projects

TOOLS :

- Playwright
- Postman
- Beatifulsoup
- PostgreSQL
- Scrapy
- NLP
- Pytorch
- LLMs
- Langchain
- Llamaindex
- Huggingface
- Docker
- Fast API
- TensorFlow

WORK EXPERIENCE

Web Scraper and Data Scientist 2019 - 2023

Shototar Hat I Bangladesh

Developer and Data Analyst 2023- 2024

Go Online Global

LANGUAGES

- BENGALI
- ARABIC
- ENGLISH
- URDU