

Tasnima Aktar

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LINKS

Portfolio: tasnimxpress.github.io
Github: github.com/tasnimxpress
LinkedIn: linkedin.com/in/tasnimxpress
Medium: medium.com/@tasnimxpress

SKILLS

PROGRAMMING

Python:

Pandas • Numpy • Matplotlib • Seaborn
Scrapy • Plotly • OOP

SQL:

PostgreSQL • MySQL • SQL-Server

Others:

HTML • CSS

Tools:

MS Excel(Advance user) • Power BI • Git
Jupyter Notebook • Google Colab
KoboToolBox • Microsoft Office 365

TECHNICAL

Data analysis:

ETL • Data cleaning • Data processing
Statistics • Data Mining • Data Modeling
Predictive Analysis • Forecasting
Exploratory Analysis

Data visualization • Dashboard

Familiar with:

Tableau • AWS • Flask

Time-series Analysis • Data Pipeline

Machine Learning • Data warehousing

SOFT SKILL

Critical thinking.

Fast Learner and Performer
problem-solving.

Written and verbal communication
abilities.

Data-driven analytical Mindset.

Attention to detail.

EDUCATION

GONO BISHWABIDYALAY

BS IN COMPUTER SCIENCE AND
ENGINEERING

August 2021 | Savar, Dhaka

Capstone Project: Developed a
library management system using
HTML, CSS, MySQL for database,
PHP for Backend

CGPA: 3.50 / 4.0

EXPERIENCE

TRANSPARENCY INTERNATIONAL BANGLADESH

| DATA ASSISTANT - KNOW YOUR CANDIDATE PROJECT

Nov 2023 - Jan 2024 | Dhanmondi, Dhaka

- Implemented Python scripts for automation, reducing 70% manual workload, maintaining a high standard of accuracy of election candidate data.
- Spearheaded advanced web scraping with Python (Scrapy, BeautifulSoup) on diverse platforms, reducing manual effort in efficiently gathering and analyzing election data for 9th to 12th elections.
- Applied Power Query, functions, and formulas in Excel to streamline data cleaning, filtering, and transformation.
- Utilized KoboToolBox to create data collection forms, and Power BI to create impactful dashboards and reports.

BIZDATA INSIGHTS

| INTERN DATA RESEARCHER AND ANALYST

Dec 2022 - June 2023 | Banani, Dhaka

- Ensured 100% data accuracy through precise data cleaning and preparation in Excel, laying the groundwork for reliable decision-making.
- Drove a 25% process improvement by developing operational reports and enhanced cross-departmental collaboration, resulting in 20% better data-driven decisions.

PROJECT (LINK)

EXPLORATORY AND CONFIRMATORY DATA ANALYSIS

Link: github.com/tasnimxpress/eda-cda

Achieved a 95 percent accuracy rate by proficiently cleaning the dataset, conducting detailed analysis using Python and Pandas, and visually presenting results with Plotly, Matplotlib, and Seaborn in Jupyter Notebook.

SQL-DATA EXPLORATION

Link: github.com/tasnimxpress/sql-data-exploration/

This project explores COVID-19 vaccination and death dataset around the world. Used advanced SQL clauses in MS SQL Server.

SALES DASHBOARD IN POWER BI

Link: novypro.com/project/sales-dashboard-32

Analyzed sales data and created a dashboard, visualized the insights using DAX and Power BI.

CUSTOMER CHURN PREDICTION MODEL

Link: tasnimxpress.github.io/churnml.html

Achieved 96 percent accuracy in customer churn prediction ML model utilizing Python and an optimized K-Nearest Neighbors algorithm.

ACHIEVEMENT

- Data Analysis with Python | IBM skill network
- Work Smarter with Microsoft Excel | Microsoft
- SQL: A Practical Introduction for Querying Databases | IBM
- Advanced SQL | Great Learning