Md Sabbir Dewan

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Overview

Analytical, teamwork, and solution-oriented individual with 3+ years of experience as a data analyst. Experienced in collecting, interpreting, and analysing data. Experienced to make a story using data in a way that is clear, efficient, and beneficial for end users

Work Experience:

Data Analyst

Spring Rain Private Ltd   (11/2022 - 07/2023)

- Generated reports & dashboard to measure KPI using Microsoft Power BI.
- Analysed financial transaction data of 1.2M records employing statistical techniques such as regression and time series analysis to draw key findings.
- Use Azure Data Lake and dataflow to ensure 100% reports and dashboard automation. Reduced maintaining time by 80%.
- Utilised Python for data cleaning, analysis, and predictive modelling for new product market research.
- Developed comprehensive data model, data lineage, and data vocabulary for internal teams, reduced manual data management by 60%.
- Collaborated with the marketing team to analyze lead conversion and ROI of GA4 data and suggested marketing campaigns.
- Fulfilled ad-hoc report requirements by developing SQL reports.

Data Analyst   (03/2022 - 11/2022)

Apon Wellbeing Ltd

- Utilised Pandas library in Python to clean data, analyse data using statistical methods and generate store-wise retail sales performance reports.
- Drafted business requirements to fulfil monthly supply chain demand planning and made 83% accurate planning on product purchases.
- Produced reports & Dashboards to measure store-wise sales performance and stock fulfilment ratio in Microsoft Power BI & Excel.
- Performed Customer Analytics using Python by segmenting customers into different groups, boosting average monthly sales by 35%.

- Performed complex SQL queries to generate reports from the SQL server.
- Saved 60% of the time of traditional reporting by writing Python scripts to automate different business reports.

Data Analyst (03/2020 - 02/2022)

Talisman BD Ltd

- Prepared a data management and analytics plan for the manufacturing plant, stating that analytics usage was 45%, reducing data extraction costs by 15%.
- Automated ETL part in SAP and FastReact Python. Saved 40% of data redundancy checking time daily.
- Incorporated and developed reports to measure performance with Microsoft Excel.
- Constructed data workflow process for 4 team members, improving team productivity by 65% and quality by 45%.

Intern (06/2019 - 02/2020)

Marks & Spencer, Bangladesh

- Attempted data transformation, managed ad hoc requests, and analysed purchase data for the sales department using Excel.
- Extracted data from the SAP database and made reports to present in weekly/Monthly meetings.
- Organised and updated system sales data daily, improved accuracy by 60%, and decreased data and report delivery time by 40%.

Education:

January 2024 - Current		Master in IT - (Major AI & Data Science)
		Murdoch University, Australia
2014 - 2019	CGPA (3.16/4.00)	BSc in Computer Science & Engineering
		Jashore University of Science & Technology, Bangladesh
2010 – 2012	GPA (5.00/5.00)	Higher Secondary Certificate,
		Lalmatia Housing Society Boy's College, Bangladesh
2009 – 2010	GPA (5.00/5.00)	Secondary School Certificate,
		Sonarang Pilot High School, Bangladesh

SKILLS

- Extensive experience with SQL & Microsoft PowerBI.
- Fluent in Python programming language.
- Experienced in Data Modeling and Dashboard Design.
- Extensive Experience in Data Analysis and Quality Assessment with Python
- Experienced in Data Visualization using Tableau and Google Data Studio.
- Enthusiastic and resilient team player.
- Effective Communicator and confident presenter.

CERTIFICATIONS

Power BI A-Z: Hands-On Power BI Training For Data Science! 2021 - By Udemy

Learned data analytics using PowerBI. Learned to create Data modelling, create different types of charts, and learned different DAX calculations.

Excel Skill for Business Specialization (2020) - By Macquarie University(Through Coursera)

Learned Pivot Table & Chart, Lookup Table, Excel VBA, Macro, and Dashboard Design.

Data Analyst with Python Track (2020) - By DataCamp

Learned different data analysis techniques implemented by Python.

EXTRACURRICULAR ACTIVITIES

- **SLB Data Science Hackathon, Perth** - A team of three used machine learning to reduce assay result mismatches between geologists and labs.
- **Robi Datathon, Dhaka** - Engaged a team of 4. Develop data analytics solutions to support the decision-making process for spending on advertisements.
- **SDG Hackathon - Code For a Cause, Dhaka** - Guided 30+ volunteers to promote ICT education in schools and colleges and presented the same project; initiated new strategies to promote 50% more students.
- **Human Resources Officer, Jashore -** Volunteer for Bangladesh - Coordinated administrative duties to recruit new volunteers, conducted orientation sessions for 60+ new volunteers
- **Public Relations Officer, Jashore -** Volunteer for Bangladesh - Created and handled social media accounts and managed promotions for 6 months.

REFERENCES

Available upon request.