

Sayantika Saha


Downtown, Kamloops, British Columbia

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SUMMARY:

In my capacity as an Operation Analyst at Well Food & Beverage Company Ltd., I implemented data-driven strategies that resulted in a substantial 5% improvement in supply chain performance. During my tenure as a Business Analysis Intern at BRAC IT Services, I adeptly employed Power BI for impactful data visualization. Serving as a Software Engineer at SUN CO, LTD, I successfully spearheaded the development of web systems and language-learning apps, demonstrating adept project management and effective bilingual communication. Concurrently, I am enrolled in a Post-Baccalaureate Diploma in Applied Data Science at Thompson Rivers University, where I am working on several PYTHON and R projects. I am complemented by certifications in Google Data Analytics and IBM Data Science, signifying a dedicated commitment to continual learning and skill advancement.

SKILLS:

- **Programming Languages:** Python, R
- **Data Visualization:** Excel, Power BI, Tableau
- **Web Programming:** HTML, PHP, CSS, BOOTSTRAP, JavaScript, Ajax, Laravel Framework
- **DBMS:** Oracle, MySQL
- **IDE:** Anaconda, Microsoft Visual Studio
- **Operating System:** Windows
- **Version Control:** GitHub, Docker
-  <https://github.com/Sayantika96>

WORK EXPERIENCE:

Operation Analyst, Well Food & Beverage Company Ltd.

Dhaka, Bangladesh

November, 2022 – July, 2023

1. Gathered comprehensive supply chain data from various sources, including procurement, manufacturing, and distribution channels.
2. Identified and recommended strategic improvements resulting in a notable 5% increase in overall supply chain performance.

Business Analysis Intern, BRAC IT Services

Dhaka, Bangladesh

June, 2022 – September, 2022

1. Collaboratively designed and delivered user stories, optimizing and automating the pay system for clients, enhancing efficiency and accuracy.

2. Applied quantitative analysis and data visualization to minimize employee hiring time, resulting in a streamlined hiring process and improved operational efficiency.
3. Collaborated in a cross-functional team to meet data demands, applying quantitative methods to analyze data and contribute to enhanced decision-making processes.

Software Engineer, SUN CO, LTD, Japan

Dhaka, Bangladesh

May, 2020 – February, 2022

1. Developed a music school web system with secure payment options, streamlining enrollment and enhancing user experience.
2. Improved a Japanese language-learning app, allowing users to customize pricing and class duration for simplified and efficient deal-finding.
3. Communicated and documented effectively in both Japanese and English, contributing to successful project outcomes and client satisfaction.

****[completed Software engineering training under Kaicom Solutions Japan BD CO. LTD, which is a partner consultancy of SUN CO, LTD, from January, 2020 – March, 2020].]**

Teletalk Bangladesh Limited [Industrial Trainee]

Dhaka, Bangladesh

March, 2019 – May, 2019

1. Handling the IT policies in the Department of IT & Billing.

American International University Bangladesh [Lab Assistant]

Dhaka, Bangladesh

October, 2018 – December, 2018

1. Assist the course teacher and provide services to the students inside Computer Networks laboratory class and additional duties assigned by the supervisor.

EDUCATION:

Thompson Rivers University

Kamloops, British Columbia, Canada

September, 2023 – Present

Post-baccalaureate Diploma in Applied Data Science

American International University - Bangladesh

Dhaka, Bangladesh

June, 2015 – December, 2018

Graduated in Computer Science and Engineering

CERTIFICATIONS: *(All the certificates can be found here)*

- Google Data Analytics Professional Certificate
- IBM Data Science Professional Certificate
- Japanese Language Proficiency Test (Level N3)

LANGUAGES:

1. Bengali (Native)
2. English (Fluent)
3. Hindi (Fluent)
4. Japanese (Level: N3)
5. French (Level: A1)

PROJETS: *(All the projects can be found here)*

- ***Sales insight Data Analysis (PowerBi)***

- A dashboard based on the analysis of the company's current situation, through which the sales director will be able to track the revenue and sales quantity number over the year, the revenue breakdown by regions, by different products also will get a view of the revenue trend.

- ***How Weather Affects Urban Bike-Sharing (R)***

Discovering the relationship between weather conditions and bike-sharing trends in the city

- This study utilizes a two-year dataset from the “Capital Bikeshare” system in Washington D.C. for the years 2011 and 2012. It is a part of a data analysis project that explored the relationship between weather conditions and bike-sharing trends in Washington D.C. The project involves data preprocessing, exploratory data analysis (EDA), hypothesis testing, and regression analysis.

- ***Exploring Immigration Trends in Canada (R)***

Understanding Immigrant Destination Choices through Population and Weather Analysis in 2022

- The analysis underscores the significant impact of climate and population dynamics on immigrant settlement choices in Canada. Immigrants exhibited a clear preference for densely populated areas with milder climates. The project emphasizes the interplay between social and environmental factors in shaping settlement decisions.

REFERENCES:

<p>AZM Ehtesham Chowdhury</p> <p>Assistant Professor (on leave)</p> <p>Department of Computer Science</p> <p>American International University Bangladesh</p> <p>Email: ehtesham.pabon@gmail.com</p> <p>Phone: +61 470 265 145</p>	<p>Jeffery Hawker</p> <p>Team Leader</p> <p>Global Division</p> <p>SUN CO, LTD</p> <p>Email: j_hawker@sun21.co.jp</p> <p>Phone: +81 80 3630 8060</p>
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