

Ayush Singh

+91 9068398868 | ayushsingh77777796@gmail.com | [linkedin.com/in/ayushsingh7796](https://www.linkedin.com/in/ayushsingh7796) | <https://github.com/ayushsingh7777> | https://www.novypro.com/profile_projects/ayushsingh

Detail-oriented data enthusiast with 1.5 years of experience in successful data migration project as a Programmer Analyst at Cognizant. Proficient in SQL, Power BI, Python, Excel and other data tools. I am poised to contribute to impactful data analysis projects. Possessing a strong background in statistical analysis, Problem-Solving, data visualization, and data-driven decision-making.

SKILLS

Programming – SQL, Python

Visualization - Power BI, Excel

Analytics – SQL, Excel, Pandas, DAX, Power Query

Database and Data warehouse - MS SQL Server, Snowflake

Others tools & skills - ETL, Data Modeling, Data Warehousing, Azure, Jira/Confluence, Machine Learning

WORK EXPERIENCE

Cognizant

07/2022 – Present

Programmer Analyst – CIMS Migration Project

10/2022 – 08/2023

- Analyzed and validated complex fact, ref, and dim tables having **complex joins**.
- Handled large Dataset (about **20 million** records).
- Gained experience in **handling** and maintaining **relationships with clients (Nike)** with successful outcomes.
- Designed and created multiple **SQL queries** for different methods in the **Data Validation** process. Validated around 100+ tables, rectifying defects promptly using **JIRA** as a tracker before the given timeframe.
- Led a team of **8 members**, realizing a **20%** increase in efficiency, accuracy, and a **20%** reduction in task timelines.
- Conducted analysis and validation of data migrated from legacy (**MS SQL Server**) to the new system (**Snowflake**) using tools like **MS SQL Server**, SQL, Snowflake, and **Excel** (Vlookup, Xlookup, Pivot table, Conditional formatting, etc)
- Sound knowledge of **Scrum Methodologies**, utilizing tools such as **JIRA/Confluence** board for support activities.

Programmer Analyst – MDF Migration Project

07/2022 – 09/2022

- Analyzed Facts, Dimensions, and exported **SSIS packages**.
- Completed and managed documents of STMs and volumetrics for Import, Staging, and load packages of facts and dimensions.
- Created and managed **30%** of the ETL (Extract Transformation and Load) and STMs (Sources to Target mapping) documentation.

PROJECTS

CodeX Market Analysis

- Analyzed survey data around **10k records** from 10 Indian cities to provide demographic, consumer, and competitive insights for CodeX, a frictional German beverage company.
- Used **data analytics (SQL, Excel, Power Query, DAX)** and visualization tools (**Power BI**) to perform **EDA** and to create reports and recommendations for marketing and product development strategies.
- Contributed to increasing brand awareness, market share, and purchase behaviour of CodeX's energy drink.

SQL Data Analysis

- **SQL** Case study challenge was to scrutinize customer visitation patterns, and spending habits, and pinpoint preferred menu selections.
- Gaining a deeper understanding of his customers, answering business questions that aimed to provide a personalized experience, and making informed decisions about expanding his customer loyalty program using SQL concepts like **JOINS, CTE, Window Function, conditional statements** etc.

Bicycle Sales Analysis

- This Power BI project highlighted the significance of **data preparation, transformation (Python, Power Query)** and **data modelling (Power Pivot)** thoughtful visualization design, and collaborative sharing.
- Creating a comprehensive **Power BI dashboard** for a fictional bicycle company to provide valuable insights into **sales, profit, revenue**, and other relevant metrics.

CERTIFICATIONS

- **Microsoft Certified Power Bi Data Analyst Associate**
- **Microsoft Azure Fundamental**

EDUCATION

B. Tech Bioinformatics (2018 – 2022) Amity University, Noida (8.4 CGPA)