

CHINMOY HAZRA

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WORK EXPERIENCE

TATA CONSULTANCY SERVICES (TCS)

Data Analyst – System Engineer

Kolkata, IN

Feb 2023 – Present

- Collaborated with **Data Engineers and Data Scientists to define and create 10 Key Performance Indicators (KPIs)** for healthcare data, enabling a more quantifiable approach to patient care and ultimately improving health outcomes.
- Transformed complex healthcare data using Python's Pandas and NumPy libraries, uncovering business-critical insights that propelled a **15% increase in customer satisfaction**. This rigorous data wrangling process encompassed cleaning, manipulation.
- Harvested expertise in PostgreSQL and Informatica ETL processes to construct robust data pipelines. Enabling insightful BI reports and dashboards using Excel (VBA) and visualization tools like **Tableau Desktop** that ignited an **18% revenue surge**.
- Employed a combination of **advanced statistical methods** (A/B testing and hypothesis testing) techniques, to unearth hidden patterns and trends within massive datasets. This data driven approach **culminated in a 12% reduction in data-related incidents**.
- Championed Agile methodologies, utilizing **Rally** as sprint planning and task management, consistently achieving a **100% on time delivery** record. Orchestrated seamless code integration with Git for top-notch quality.

Kolkata, IN

Data Analyst – System Engineer

Aug 2021 – Jan 2023

- Spearheaded an **in-depth analysis of business operations, integrated systems, leading a team of 5 members**. collaborated with product owners and cross-functional teams.
- Bridged the Gap between technical and non-technical stakeholder audiences by presenting complex data findings in a clear and concise manner, leading to a **remarkable 12% increase in operational efficiency**.
- Collaborated with SQL developers on efficient data retrieval and manipulation for Crafting 30+ actionable business intelligence (BI) reports and interactive dashboards with **SQL, Excel (Pivot and Lookups), Tableau Server**.
- Unveiled data insights through Exploratory Data Analysis (EDA) of intricate data challenges in large datasets, Through effective communication, delivered precise solutions that yielded a **15% revenue increase**.
- Built a prediction model with Python scripting and cutting-edge ML techniques, employing data modeling and mining techniques. This preemptive approach identified at-risk users enabling targeted retention strategies that resulted a 20% user retention boost.
- Leveraged AWS expertise to optimize store **procedures on Amazon Redshift, achieving an 18% daily data warehousing load reduction**, Followed **Agile** methodologies and tracked progress in **JIRA** for streamlined workflow management.

EDUCATION

Jalpaiguri Government Engineering College
Bachelor of Technology

Jalpaiguri, IN
Jul 2021

SKILLS

- **Programming Languages:** Python, Java, Scala
- **Databases:** MySQL, Oracle 12c, PostgreSQL
- **Packages:** NumPy, Pandas, SciPy, Seaborn, scikit-learn
- **Analytical Tools:** Excel, Tableau, Spotfire, Power BI
- **Non-Technical Skills:** Continuous Learning, Self driven, Multitasking
- **Version and Platform Management :** Git, Bitbucket

CERTIFICATIONS

- Google Advanced Data Analytics Professional Certificate [Coursera] (Aug 2023)
- Supervised Machine Learning : Regression and Classification [Coursera](Dec 2023)
- Microsoft Excel : Data Analysis with Excel Pivot Tables[Udemy](Jan 2024)
- Informatica PowerCenter Beginners to Expert Levels[Udemy](Mar 2024)

ACTIVITIES

- Received the "On The Spot Award" (2021 and 2023) for outstanding support in business-operations and management.
- Participated in the "District Student Youth Science Fair" – organized by Youth Service Department, Government of WB