

SKILLS

- Python, SQL, Big Query, Hypothesis Testing, Numpy & Pandas, Matplotlib & Seaborn, Exploratory Data Analysis, Tableau, Statistics & Probability, MS Excel, MS Office, Business Acumen, Leadership, Interpersonal Skills, Decision making, Writing, Technical Analysis

EXPERIENCE

Software Development Engineer (Backend)

Jan 2021 - Jun 2023

IBM

Pune

- Managed the entire software cycle: requirements gathering, converting business needs to technical specs, coding, maintenance, and support.
- Resolved over 200 issues, including **100+ permanent fixes**, ensuring system stability and user satisfaction.
- Performed **impact analysis** to identify code changes, leading to enhanced system efficiency and stability.
- Understanding a client's business needs and preparing Technical Design Doc as per Business design doc

PROJECTS

Data Exploration & Visualisation for Netflix (Using Python Libraries)

- <https://github.com/THEABHASHARMA/NetflixDataAnalysisCaseStudy>
- Engineered data preprocessing tasks in Python using NumPy, Pandas, and Matplotlib to enhance data quality, **reducing data errors by 20%**.
 - Performed in-depth exploratory data analysis on a large dataset, rectifying anomalies and ensuring data integrity.
 - Generated key insights for Netflix, **influencing content production decisions** and **global business growth** strategies.

Data Analysis and Insights for E-commerce Orders at Target, Brazil (Using SQL)

- <https://github.com/THEABHASHARMA/Target-Business-Case-Study-SQL->
- Analyzed the problem statement and assessed Walmart customer purchase behavior against gender for **100 million customers**.
 - Converted categorical attributes to 'category' to **improve analysis efficiency**.
 - Generated recommendations to demonstrate Target's e-commerce **business growth expanding tenfold** with assessed economic impact.

Data Exploration of Walmart (Using Confidence Interval, CLT & python)

- <https://github.com/THEABHASHARMA/WalmartAnalysisCaseStudy>
- Defined the problem statement and analyzed Walmart customer purchase behavior by gender for **100 million customers**, converting attributes to 'category'.
 - Generated non-graphical and visual analyses using various techniques to derive insights.
 - Optimized insights with the Central Limit Theorem**, illustrating distributions and relationships, providing actionable recommendations for Walmart's strategies.

ACHIEVEMENTS

Microsoft Certified: Azure Fundamentals
IBM Garage Method for Cloud Advocate
IBM Certified Technical Advocate - Cloud v3

EDUCATION

Scaler

2025

Specialized in Data Science & Machine Learning
Completed extensive certification training in SQL, Tableau, Python, hypothesis testing, and statistical and probability concepts, gaining strong analytical and data visualization skills.

GLA University Mathura

2019

BE/B.Tech/BS in Computer Science | 83.6%

INTERESTS

Passionate about maintaining a healthy lifestyle through yoga
Exploring new cultures through travel
Engaging in philosophical readings for personal growth