

# ANAND SHAW

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## Technical Skills

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**Programming Languages:** Python, R, SQL,

**Machine Learning AI:** Machine Learning, NLP, Statistics, Spark, ETL

**Web App Development:** Flask, Streamlit

**Data Visualization Tools:** Tableau, Power BI, Google Sheets, Advanced Excel

**Databases:** MySQL, PostgreSQL

## Experience

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### quantium

January 2025 – Present

*Data Analyst Intern*

*Virtual*

- Ensured accuracy by **cleaning** and validating large-scale data and **reducing errors by 25%**.
- Performed **A/B testing** to evaluate solutions and drive data-informed decisions for **business problems**.
- Designed dashboards to track **KPIs, ROI**, and performance trends.
- Built dynamic **pivot tables** and **dashboards** to track customer purchase patterns.

### British Airways

September 2023 – June 2024

*Data Scientist Intern*

*Virtual*

- Performed data cleaning and preprocessing for large datasets **10,000+ rows**.
- Conducted **A/B testing** to evaluate the impact of changes on customer behavior and optimize business strategies.
- Performed **SQL** queries to extract and analyze business performance data to support decision-making.
- Created excel dynamic reports and dashboards for ongoing performance tracking.

## Projects

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### Digital Music Store Analysis | *SQL, CTE, Subqueries, Window functions, Joins* ([GitHub](#))

April 2025

- Designed a **relational database schema** (tables: Customers, Invoices, Tracks, Artists, Genres) to organize and streamline data analysis workflows.
- Improved **data integrity** to **98%** by cleaning **1,200+ records** in SQL.
- Optimized SQL queries** by indexing key columns and rewriting inefficient joins, subqueries, reducing query execution time up to **65%**.
- Standardized ETL pipelines** to ensure consistent data quality across 5+ business units.

### Superstore Sales Dashboard | *Power BI, DAX, Modeling* ([Dashboard Link](#))

March 2025

- Analyzed **region-wise performance**, identifying the **West region** as the top contributor with **33% of total sales**.
- Simplified decision-making by showcasing key **KPIs (Sales: \$1.57M, Profit: \$175.26K)** at a glance.
- Communicated insights through concise, user-friendly dashboards to support cross-functional teams.

### Marketing-Sales-Performance-Dashboard | *Excel, Pivot Table, Power Query* ([Dashboard Link](#))

April 2025

- Analyzed marketing and sales data in Excel to support decision-making, tracking channel performance and **ROI**.
- Creating reports using Excel charts to enhance **stakeholder comprehension** and support faster decision-making.
- Cleaned and transformed campaign data using Power Query for accurate insights.

## Education

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### Kabi Sukanta Mahavidyalaya College

July. 2022 – April 2025

*Bachelor of Arts in Economics*

*Bhadreswar, West Bengal*

## Certifications

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### Aptech Learning

November 2024

*Data Science Certification*

### British Airways

June 2024

*Data Science Simulation*