SMRUTISIKHA MOHANTY

Data Analyst

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Key Skills

- **Power BI:** Extract Transform and Load (ETL), DAX, Power Query, Data Modelling, Publishing, Report Optimization, Data Transformation, Requirements gathering, Storytelling
- **Python:** Pandas, NumPy, Matplotlib, Seaborn, Data Wrangling, Exploratory Data Analysis (EDA)
- **SQL:** Joins, Subqueries, Window Functions, CTEs, Data Normalization
- **Advanced Excel:** Pivot Table, Charts, Lookups, Dynamic Arrays, Power Pivot, Conditional Formatting, Data Validation, Statistical Functions, Logical thinking
- **Data Analysis:** Data Cleaning, Data Transformation, Data Mapping, Data Visualization

Professional Experience

Accenture | Full -Time
Associate Software Engineer **|** Aug 2023 - Jan 2025

- Proactively addressed technical challenges during and post Red Hat Enterprise Linux (RHEL) server upgrades, ensuring seamless transitions and minimizing potential disruptions.
- Collaborated with Stakeholders and Project Managers to understand their specific requirements and timelines for critical server upgrades, delivering 100% of targets ahead of schedule.

Projects

Maximizing Revenue for Taxi Drivers | Project Link
[**Tools used:** Python, Pandas, Matplotlib, Seaborn, SciPy, Jupyter Notebook]

- Conducted **Exploratory data analysis (EDA)** and **Hypothesis testing** on NYC Taxi Trip Records to assess the impact of payment methods (card vs. cash) on fare amount and trip patterns.
- Identified that **card payments accounted for 67.5%** of all transactions, often associated with longer and more expensive trips, while **cash payments (32.5%)** were more common for short rides.
- Provided actionable recommendations, such as incentivizing credit card usage, to help taxi drivers increase their earnings.

Occupancy Rate Optimization - Outlier Airlines | Project Link
[**Tools used:** SQL, Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook]

- Led an in-depth analysis to improve **seat occupancy rates** for a fleet of small to medium-sized aircraft amidst rising operational costs and regulatory pressures.
- Analyzed flight data to identify patterns across routes, aircraft types, and seasonal demand, uncovering underutilized routes with **<60% average occupancy** and high operational costs.
- Modeled the impact of improved occupancy rates on profitability; demonstrated that a **10% increase in seat occupancy** could result in an **average profit increase of $1,200 per flight**.

Bank Loan Performance Dashboard | Project Link
[**Tools used:** Power BI, DAX, SQL, Excel]

- Developed comprehensive operational Power BI dashboard to track **loan performance metrics** such as funded amount, repayment trends, interest rates, and borrower risk profiles, creating 3 views for Summary, Overview, and Details.
- Analyzed a total of **38.6K loan applications**, with **$435.8M funded** and **$473.1M received**, identifying **6.9% MoM increase in applications** and **15.8% increase in total repayments**.
- Assessed borrower attributes (term, purpose, home ownership, employment length) to uncover high-risk segments— e.g., bad loans had an average **DTI of 15.41%** vs. **14.49%** for good loans.

Credit Card Weekly Finance Dashboard | Project Link
[**Tools used:** Power BI, DAX, SQL, Excel]

- Developed a comprehensive credit card analysis dashboard in Power BI to visualize and analyze transaction and customer data, leading to actionable business insights. Key analyses included quarterly revenue and transaction volume (**Q3 peak at 166.6K transactions**), revenue by card category (**Blue cards contributing 4,62,34,849 in revenue**), and revenue trends by customer gender and demographics.
- Visualized and presented insights on **total revenue (55.4M)** and other key metrics, such as **total interest (7.9M)** and **total income (577M),** to stakeholders, facilitating data-driven decision-making.

Internship Experience

Wizklub Learning | Internship

Academic Counsellor (Inside Sales) | Jun 2023 – Aug 2023
- Cultivated sales success in a client-facing role by adeptly understanding client needs and proactively engaging with students and parents.
- Diligently tracked and managed leads through CRM, contributing to the overall sales pipeline.

UpGrad Campus | Internship

Learning Consultant (Inside Sales) | Jan 2023 – Jun 2023

- Effectively articulated product/service value propositions, driving increased customer interest and contributing to sales pipeline growth. Utilized CRM tools like, Leadsquared and knowlarity to manage leads.
- Consistently surpassed sales targets, achieving a performance level 60% above the required benchmark.

Soft-skills
- **Process Optimization:** Workflow analysis, identifying areas for improvement, System Integration
- **Stakeholder Management:** Collaborating with cross-functional teams, communicating findings, project management
- **Requirements Gathering:** Documenting functional and non-functional requirements, Google Analytics
- **Reporting:** Creating reports, JIRA
- **Microsoft Office suite:** Outlook, Advance Excel, Word, PowerPoint

Education

Silicon Institute of Technology | Bhubaneswar, India

Bachelor of Technology - Electronics and Communication | Jun 2019 - Jun 2023

CGPA - 8.5