Sourav Mohanty

3+ years of experience into Data Analytics using **Advanced Excel**, **SQL**, **SAS**, **Python**, **Tableau** and **Power BI**

Contact

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Bangalore, 560037

Academic

- **BTech** from **NIST** Odisha, in the year 2017

Technical skills

DBMS and Programming

SAS/Python-

- Strong in SAS base and advanced programming and hands on experience in managing complex data model and building joins relationship multi source file.
- Manipulating data using arithmetic expression and advanced SAS functions
- Design automation and report generation using SAS ODS
- Automate end to end reporting process using advanced SAS macro programming

SQL-

- Strong in SQL programming from joins and relationship to building complex data model identifying fact and dimension table relationships.
- Manipulating data using SQL functions and expressions.
- Strong automation skill in writing store procedures

Reporting and Visualization

Excel base and advanced-

- Strong in excel data management, analysis and reporting/dashboard making.
- Well versed to excel pivot summary reporting and excel function like vlookup, match, if nested if, index, date functions and charts etc.

Power-BI/Tableau-

- Complete understanding of designing KPI Metrics and replicating associative data model to data analysis, reporting and visualization
- Hands on experience in designing complex data model using the concept star schema and snowflakes concept (fact table and dimension table relationship model)
- Process optimization to summarizing data using advanced charts and expressions, calculations using functions and formulas
- **Reporting and visualization in- Excel and Tableau Dashboard**

Personal Details

Name.: Sourav Mohanty
Father Name: Ranjan Mohanty
Gender: Male
DOB: 11/03/1994
Nationality: Indian
Language: English, Hindi, Oriya

PROFILE SUMMARY

- Data Analytics with 3+ years of experience in Rail and Transit domain
- Strong DBMS programming and Reporting/Visualization model building experience
- Expert at designing complex data model design for ad-hoc analysis and reporting
- Strong background from process optimization and end to end automation
- Implemented strategy building for customer acquisition, retention and revenue enhancement
- Possess excellent multi project management and client management ability

PROFESSIONAL EXPERIENCE

Accenture. Bangalore   201803 - Present

METROLINX- PRESTO CONSUMER APP

Metrolinx is undertaking the largest transportation investment in Ontario's history to get you where you need to go better, faster, easier, while also operating GO Transit, UP Express and PRESTO. PRESTO began as a pilot project under the Ontario Ministry of Transportation in 2006 and has now expanded to an operating division of Metrolinx. An initiative of Metrolinx's Regional Transportation Plan, PRESTO plays an important role in supporting greater integration of the region's transit systems and in making the customer experience more convenient. Responsibility:

PRESTO- CONSUMER APP 201803-Present

- Data Extraction, Data Collection, Data Cleaning, Data Processing, Interpreting Data, Streamlining Data, Data Analysis using Excel, SQL, SAS and Python basics
- Experience in data visualization using **Excel** & **Tableau**
- Relational Database knowledge, Ability to combine multiple tables using SQL
- Created reports measuring key performance indicators
- Periodic report preparation to track performance by Region, No of Bookings, Ticket Type, Ticket Price, Customer Type, Transaction Date and time, Device type, Payment Mode. Extensively used **SQL** & **Advanced Excel** to prepare reports and provide insights

Database Management Programming

- Connecting multi-source files to read data
- Cleaning data from unstructured format to structured format
- Design complex data model using joins, relationship and sub-queries
- Hands on experience in automating process writing advanced macro programming and manipulating data using arithmetic expressions
- Complete knowledge in using functions and expressions to create insightful calculative, derived and manipulative fields
- **Programming in- SQL Base, SAS Base & Advanced and VBA**

Reporting and Data Visualization

- Complete understanding of designing KPI Metrics and replicating associative data model to data analysis, reporting and visualization
- Hands on experience in designing complex data model using the concept star schema and snowflakes concept (fact table and dimension table relationship model)
- Process optimization to summarizing data using advanced charts and expressions, calculations using functions and formulas
- Prepare multiple packages for reporting and demising manual interventions
- **Reporting and visualization in- Excel and Tableau Dashboard**

Achievements

- Data Guru for process optimization recognition to my team
- "Creating a Value" individual recognition from Metrolinx

Skillset Metrics

Skill	Rating
Excel	▪▪▪▪▫
SQL	▪▪▪▪▫
SAS	▪▪▪▪▫
VBA	▪▪▪▫▫
Python	▪▪▪▫▫
Tableau	▪▪▪▪▫