

Shashi Kant Singh

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SUMMARY:

Skilled in Advance Excel, Power BI and SQL with expertise in crafting dynamic dashboards optimizing SQL queries for performance and leveraging DAX and Power Query for efficient data transformation, resulting in actionable insights and improved decision-making, showcasing strong analytical and problem-solving abilities.

Tools Used:

- **Visualization tools:** Power BI
- **Analytics Languages:** SQL, Excel.
- **Databases:** MySQL Workbench

Experience:

1) Indus Towers Limited (Incident Analyst)

(08-04-2022 to 28-06-2023)



- Publishing the Reported incident – Theft, Fire, Collapse, CAT A
- Built and validate weekly and monthly KPI performance of customers.
- **Data Analysis:** Collect and analyze data related to tower infrastructure, using SQL Queries, MS Excel Core Data Analysis and identifying issues on sites / tower through data received from the sites.
- **Transformation** - Utilizing the Power Query Editor to clean, shape, and structure data from diverse sources. This includes operations like data cleaning, shaping, merging, and advanced calculations using DAX, ensuring that the data is well-prepared for insightful analysis and reporting.
- **Visualizations** - Create interactive charts, tables, maps, and custom visuals to convey information dynamically.
- **Predictions** Timely resolution of incidents, minimizing service disruptions, and maintaining the overall stability and reliability of the telecommunications infrastructure.

2) Wattmonk technologies pvt ltd (Data Transformation Analyst)

(May-2021 To April-2022)



- Responsible for Technical Data Production and maintenance of Components database regarding Electrical Parameters.
- Interacts with cross functional teams and Project Leads for execution of the customer-based projects.
- Day-to-Day Analysis of MIS Reports.
- Detailed technical drawings of electrical calculation, cover sheets, single line & 3-line diagrams, racking or mounting structure diagrams, placards.
- Experience in handling time-bound projects.

Projects:

Project Overview- Developed and implemented a comprehensive Business Intelligence solution using Microsoft Power BI Desktop to transform raw data into actionable insights.

Key Responsibilities and Achievements-

- Applied advanced data cleaning and transformation techniques to ensure data accuracy and consistency.
- Developed robust data models within Power BI to support complex analytics and reporting requirements.
- Defined and tracked essential KPIs
- Utilized various Power BI visualization types such as charts, graphs, maps, and tables to convey insights effectively.
- Implemented interactive features within Power BI dashboards, allowing end-users to explore and drill down into relevant data for more detailed insights.
- Introduced automation features within Power BI to streamline the generation of routine reports.
- Quantified the impact of the Power BI project on business decision-making processes.

Technical Skill:

MS Excel

- Auditing Tools- Trace precedents, Trace Dependents, Show formula, Evaluate formula
- Conditional statements - IF, AND, OR, NOT, IFERROR, SUMIFS/COUNTIFS,SUMPRODUCT,COUNTIF, SUMIF,AVERAGEIF
- State function- COUNT, AVERAGE, MEDIAN, MODE, MAX, MIN, STDEV, RANK, RAND
- Lookup & Reference Function – Named Arrays, VLOOKUP, HLOOKUP, INDEX, MATCH
- Text Function – TRIM, UPPER, LOWER, PROPER, CONCATENATE, LEFT, RIGHT, MID, LEN, SEARCH
- Design an Interactive Dashboard using Pivot Table Slicer

Power BI

- Connecting & Shaping Data - Power Query Editor, Table Transformations, Index & Conditional Columns, Calculated Column, Grouping & Aggregating, Appending Files from a Folder, Data Source Settings, Importing Excel Models,
- Creating a Data Model - Database Normalization, Primary & Foreign Keys, Creating Table Relationships, Star & Snowflake Schemas, Creating Hierarchies,
- Calculating Measures with DAX - DAX Measures, Dedicated Measure Tables, Conditional & Logical Functions, SWITCH Function, COALESCE Functions, Joining Data with RELATED, Iterator (X) Functions.
- Visualizing Data with Dashboards - Building & Formatting Charts, Trend Lines & Forecasts, KPI Cards, Table & Matrix Visuals, Top N Filtering, Report Slicers, Custom Tool Tips, Drill Up & Drill Down.

SQL

- DDL(Data Definition Language)- Create, Alter, Drop, Truncate, Rename
- DML(Data Manipulation Language)- Select, Insert, Update, Delete
- Aggregate functions in SQL –Min, Max, Count, Avg, Sum
- JOIN – Inner Join, Left Join, Right Join, Full Join
- Union and UNION ALL, Common Table Expression (CTE)
- Subquery, CASE Statement , Window Function

ACADEMIC CREDENTIALS:

- B. TECH in Electrical Engineering from DIT University, Dehradun with an aggregate of 7.58 CGPA in 2017.
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Personal Details:

Date of Birth	: 18-03-1995
Blood group	: O+
Father's Name	: Mr. Mintu Kumar
Hometown	: Sasaram, Bihar
Hobbies & interest	: Bicycling, Reading self-help book

I declare that the details above are correct and true to the best of my knowledge.

DATE:

PLACE:

SIGNATURE