

# RAHUL DEWANGAN

✉ dewangan.rahul623@gmail.com

☎ +917803027998, +917974336401

in <https://www.linkedin.com/in/rahuldewangan6233>

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As a dedicated and results-driven professional, I am eager to make a meaningful contribution to team success through a strong work ethic, unwavering attention to detail, and exceptional organizational skills. My passion for data analysis and the generation of valuable business insights drives my motivation to excel in the Analytics and Data Science industry.

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## **WORK EXPERIENCE**

### **• EXL SERVICE PRIVATE LIMITED - BUSINESS ANALYST - (JUNE 2022 – PRESENT)**

#### **PROJECT: Smart Monitoring: Registered Card Key Risk Indicator Recalibration**

##### **CLIENT: American Express**

**Overview:** Project involves the recalibration of **Key Risk Indicators (KRIs)**. This project required extensive **data mapping, schema changes, and data validation** to ensure the accuracy and reliability of financial risk assessments.

- Successfully replaced old data tables with new ones, adapting variable names and data types to align with the updated schema.
- Conducted rigorous **Data validation** to verify the proper flow of data from old to new code, detecting and addressing discrepancies, inconsistencies, and missing data.
- Utilized **Advanced SQL** skills to write complex queries for **Data extraction, Transformation, and Loading (ETL)**. Additionally, leveraged **Hive Query Language (HQL)** to query large datasets and support data processing.
- **Optimized KRI SQL** codes using partitioning techniques to enhance query execution speed, ensuring efficient data processing.
- Conducted **root cause analysis** to identify and resolve unmatched or missing data issues, enhancing data integrity.
- Performed extensive testing on both old and new KRI codes with various test dates to verify the accuracy of KRI calculations and identify data ingestion issues. Monitored **KRI alerts** to ensure functionality.
- Created Excel presentations with **VLOOKUP** and **PIVOT** tables to effectively communicate project results to clients. Demonstrated strong communication skills to convey findings and progress updates.

#### **PROJECT: Smart Monitoring: Direct Impact KRI Data Validation**

##### **CLIENT: American Express**

- Conducted Data Validation on **IDN** and **Cornerstone** Data by Extracting Sample Data from the Databases using **Hive, Teradata** of Various Tables to check the accurateness, completeness and Sanity of Migrated Data.
- **Cleaned and Arranged** Sample data for **Comparison Purpose** and did **Root Cause Analysis** for Non-Matching Data.
- Created **Pivot Tables, Calculated Metrics** and **Variation** of sample data to get the proper understanding of Table Variables Data:
- Created **Data Validation Reports** and Communicated the results to management, providing **Insights** of Matching Data, **Accuracy, Problems and Discrepancies**.

#### **PROJECT: Customer 360: Historic Cleanup of Incident Tags**

##### **CLIENT: American Express**

- Understanding the **Service Now Incidents** to differentiate the **Consumer, Commercial & Platform** Category of Incidents and their respective subcategories also.
- Tagged, **Service Now Incidents** According to the given **New Updated Tags** from the Previously Old Tagged Incidents.
- Created **Reports** and **Arranged Data** to get more clear understanding of previously tagged and **Newly Tagged Incidents**.

### **• STERLITE POWER - PROJECT ENGINEER - (MARCH 2020 – JANUARY 2022)**

- Worked on **SQL Language**, extracted data from Databases using **SQL Queries** by using **JOINS, GROUP BY, ORDER BY, HAVING, LIMIT** Functions.
- Managed project Documents, Created **Weekly** and **Monthly Reports** using **Excel** and **PowerPoint** to give **Insights** to Business Problems and Solutions.
- Used Critical Thinking to break down problems, evaluate solutions and make decisions.
- Created **Excel Reports with Pivot**, created Reports to visualize various Business Insights.
- Creating and Maintaining Excel Sheet and Progress Reports on Daily Basis.

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## **SKILLS**

- SQL/Hive, Teradata, MS Office Suite, Microsoft Power BI, Tableau, ETL
  - Analytical Skills, Data Analysis, Data Visualization, Data Validation
  - Good Communication & Writing Skills, Result Oriented, Adaptable., Quick Grasping and Retaining Skills.
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## **CERTIFICATION & TRAININGS**

- Data Visualization Using Power BI - EXL Capability Management Training Program
  - Data Visualization Using Tableau - EXL Capability Management Training Program
  - Generative AI – Analytics - EXL Capability Management Training Program
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## **PROJECTS**

### **Extracting Data and Analyzing Performance of Business Using SQL:**

- Extracted and Analyzed Traffic and Website performance data to create growth story of Business using SQL.
- Used Analytical Skills to analyses the marketing channel activities and the website improvements that have contributed to Success of Business.
- Extracted Data from the Database and arranged in YEAR & QUARTER Wise to show the Detailed Growth and Success of Business.
- Calculated Conversion Rate, Revenue per Order, and Revenue per Session to get the Clear understanding of Business Session Growth.

### **Data Analysis of Football playing nations Using SQL:**

- Extracted Data from the Database by using Functions like JOINS, GROUP BY, HAVING, ORDER BY, LIMIT and Subqueries using different tables.
  - Connected with the Database using basic SQL Queries
  - Used Extracted Data to Analyzed Team Performance.
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## **EDUCATION**

### **National Power Training Institute, (NPTI) Nagpur - PGDC: T & D Systems – 2019**

October 2018 – March 2019                      **79%**

### **Columbia Institute of Engineering and Technology (CIET) Raipur - B.E. in Electrical & Electronics Engineering – 2016**

August 2012 – July 2016                      **75%**

### **Lions English Higher Secondary School, Champa – 12th**

April 2011 - April 2012                      **60%**

### **Lions English Higher Secondary School, Champa – 10th**

April 2009 - April 2010                      **75%**

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## **ACHIEVEMENTS**

- Awarded for Managing and Handling multiple projects at a time for different clients at Sterlite Power.
- Won 1st Price in PCB Designing conducted by TechnoCop Technologies in CIET Raipur.
- Coordinated in PCB Designing Seminar Program.
- Organized LOGO Quiz Competition at College Technical Festival.