

DEBRAJ RAY





Experience Summary

- Hands on experience in **python** programming and **SQL**.
- Having good knowledge in **Bigquery, Teradata, Scripting language** (Python, shell script).
- Good in communication, and skilled in debugging.
- Mainly a Python developer. Worked on migrating tables, views, and procedures from Teradata to BigQuery using APIs.
- Excellent problem-solving skills.
- Have always completed the tasks assigned on time.
- Total Experience: 1 Year 3 Months.

Skills Summary

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|--|---------------------------------|
| Domain | DATA ENGINEERING |
| Programming Languages | PYTHON, C, C++ |
| Tools / DB / Packages / Framework / ERP Components | BIGQUERY, TERADATA, INFORMATICA |

Professional Certifications/ Trainings

- Google cloud certified professional data engineering Course – in progress.
- Google cloud certified machine learning engineering Course – in progress.
- Generative AI: a primer for beginners – Completed.
- A complete developer guide on Python – Completed.
- A crash course on python – Completed.
- A complete course on python and data structures – Completed.
- A course of IT Automation - in progress.

Work Experience

| Project 1 | | | |
|---------------------|---|-----------|-----------------|
| Project Name | Aptiv-EDW Cloud | Team Size | 50-70 (approx.) |
| Start Date | September 2022 | End Date | December 2023 |
| Project Description | A migration project from Teradata, Informatica to Google cloud Bigquery. | | |
| Role & Contribution | <ul style="list-style-type: none"> ▪ Created Connection page to Teradata and Bigquery, and automated tasks using Python. ▪ Created python script to automate the conversion of tables and views definition from Teradata to Bigquery syntax. ▪ Worked to DATA loads using TPT, from Teradata to Bigquery with shell scripts on prem. ▪ Deployed views to DEV, QA, PROD environments using CICD as well as from local as needed. ▪ Created python script to convert Teradata procedures to Bigquery procedures. | | |



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| | <ul style="list-style-type: none"> Worked on converting INFORMATICA XMLS to procedures in BIGQUERY. |
| Technology & Tools used | Python, Pandas, Numpy, TeradataSQL, pandas-gpq, Teradata, Bigquery, CSV, Excel, XML. |

| Educational Qualification | |
|---------------------------|--|
| Education & Credentials | B.Tech – Electrical Engineering. |
| Institute | National Institute of Technology, Agartala |
| Batch | 2018-2022 |
| CGPA | 8.77 |