

DEBRAJ RAY  
PS No: 10709135





### Experience Summary

- Having good knowledge of **Bigquery, Teradata, Scripting language (Python, shell script)**.
- Worked on building python scripts for Migration project from Teradata to Bigquery.
- Have good problem-solving and communication skills.
- Team player.
- Touch-typing (52 wpm).
- Have completed the tasks assigned on time.
- Total Experience: 1+ years.

### Skills Summary

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

### Professional Certifications/ Trainings

- Google cloud certified professional data engineering Course – in progress.
- Generative AI: a primer for beginners (2024)
- A complete course on python and data structures (Udemy) (2019).
- 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"> <li>▪ Worked on building python scripts for:               <ul style="list-style-type: none"> <li>○ Building Connection page for GCP service account using json key.</li> <li>○ Running and executing tasks in Bigquery through service account.</li> <li>○ DDL conversion from Teradata to Bigquery.</li> <li>○ Connect to Google cloud storage for file handling.</li> <li>○ Converting Informatica XML to Bigquery stored proc.</li> <li>○ Schema validation between Teradata and Bigquery.</li> <li>○ Data validation between Teradata and Bigquery.</li> </ul> </li> <li>▪ Converting procedures from Teradata to Bigquery.</li> <li>▪ Worked on building shell scripts for extracting data from Teradata through TPT.</li> </ul>		
Technology & Tools used	Python, Pandas, Numpy, TeradataSQL, pandas-gbq, Teradata, Bigquery, CSV, Excel, XML, json.		



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