



Project Title: Network & Service Automation using GCP
Company: Ericsson Global India Pvt. Ltd. Noida



About Student: Shubham Tiwari, 101916126, 4CSE12,
Internship: Jan 25th – July 25th, 2023

About Company: EGI Pvt. Ltd

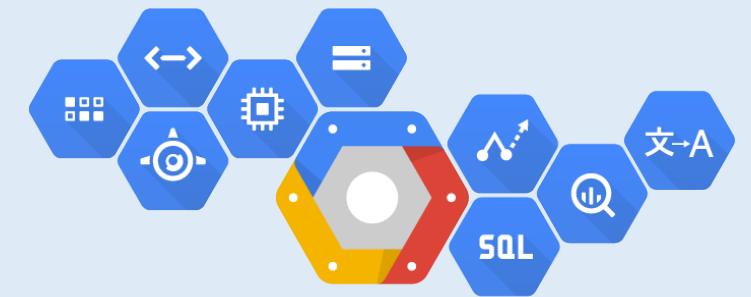
- Is 5G pioneer
- Provide communication Services
- Provide connectivity solution
- Have 60K+ Patents of ranges of Technologies i.e., Cellular IoT, 5G, Smartphones



About Internship: @ EGI Pvt. Ltd

1. Gained familiarity with internal tools and techniques
2. Did Udemy Course on GCP
3. Worked with GCP based Data Ingestion Automation
4. E2E Product development and deployment of above
5. Developing the solution for an internal tool needs to be rearchitected to make it lightweight.

Learnings - During Intern



Google Cloud Platform



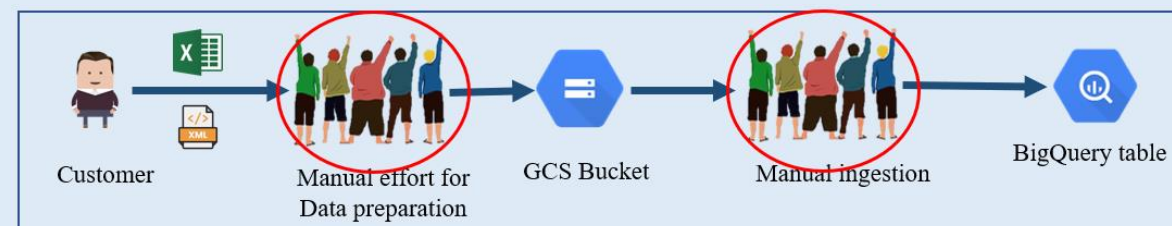
Core-Values



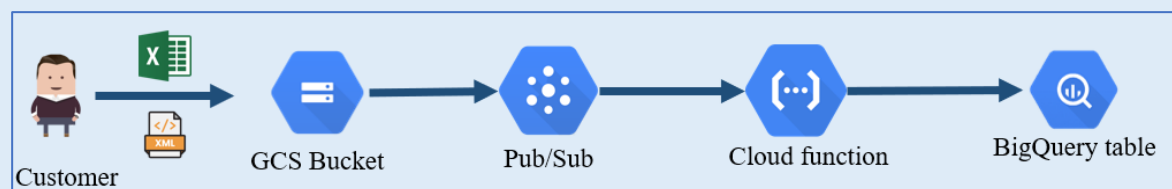
Telecom fundamentals



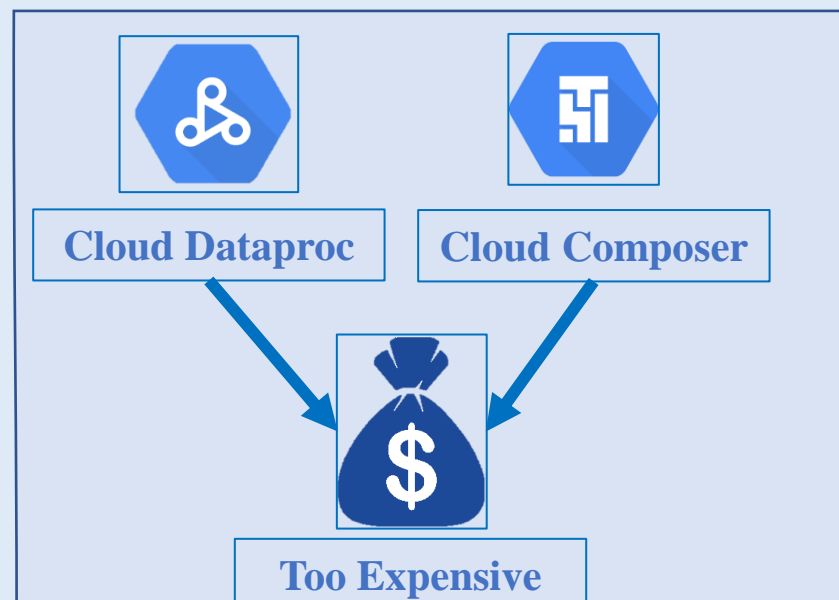
Automation



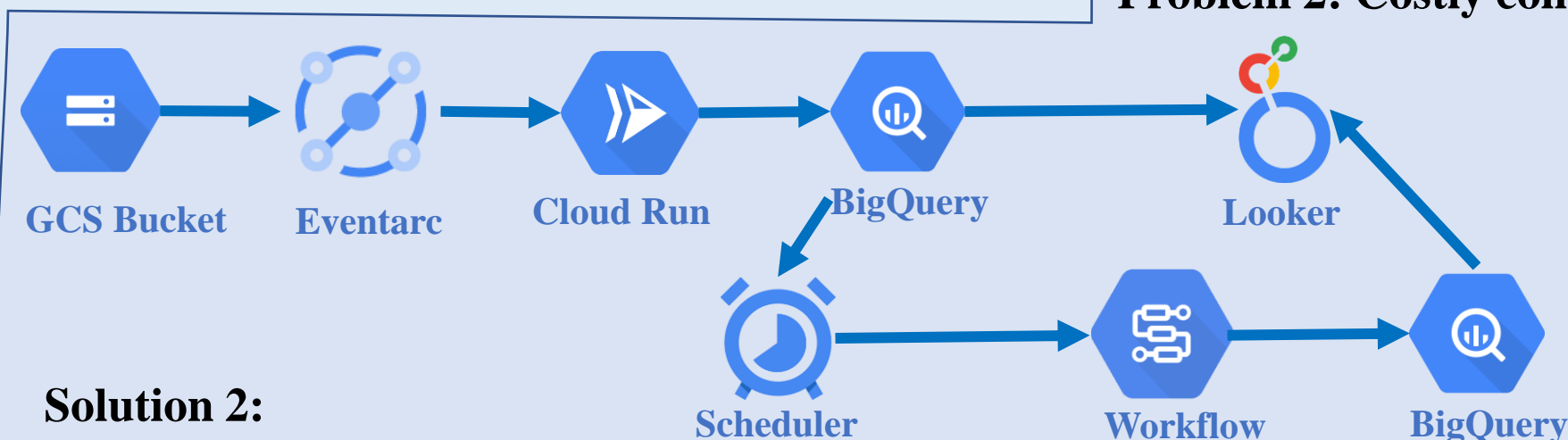
Problem 1: For Data Ingestion Automation



Solution 1



Problem 2: Costly component GCP



Solution 2:

Learnings - During College

- ✓ Cloud Computing & Projects
- ✓ Machine Learning & Projects
- ✓ Python, Scala, DBMS, Docker
- ✓ Elective – Edge AI & Robotics