Epidemiologist System access via web browser from HC managed devices using hardware security encrypted connection Google Cloud Firewall Analysis Environment (Jupyter Notebooks) Data and Analysis results stored in Cloud Storage Encrypted Data storage (Parquet files) Default VPC Network 10.1.0.0/16 Isolated Epidemiological Analysis Project Security logs/events visible in Security Command Center Security Command Center Security logs/events visible in Security Command Center Isolated Epidemiological Analysis Project Default VPC Network 10.1.0.0/16 Firewall **Epidemiologist** Analysis Environment (Jupyter Notebooks) encrypted connection Data and Analysis results stored in Cloud Storage Encrypted Data storage (Parquet files)

Epidemiological Analysis Project

- Data isolated in its own restriced project
- Removes file size limitations and data corruption issues
- Full control over libraries for analysis
- Adjustable compute resources (more compute = faster analysis)
- Data storage:
 - Encrypted at rest
 - Scalable