## **Epidemiologist** System access via web browser from HC managed devices using hardware security encrypted connection Google Cloud Analysis Environment (Jupyter Notebooks) Data and Analysis results stored in Cloud Storage — • — • Encrypted Data storage (Parquet files) Firewall 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
- Access via encrypted connection
- Authentication via hardware security keys
- 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