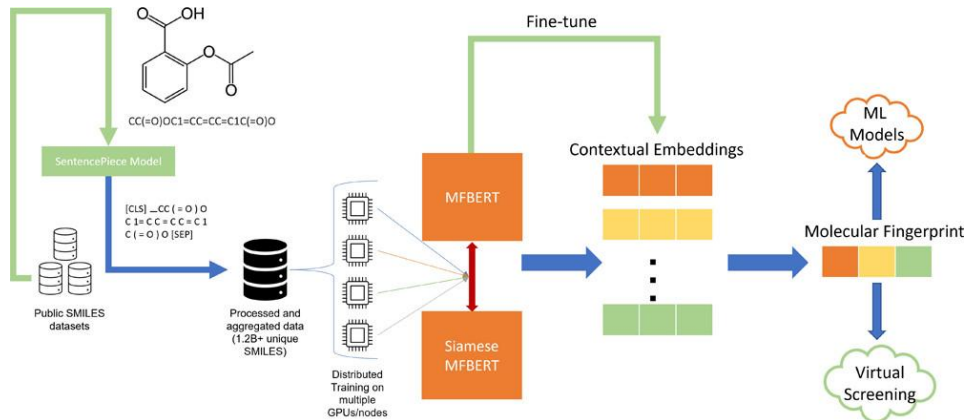


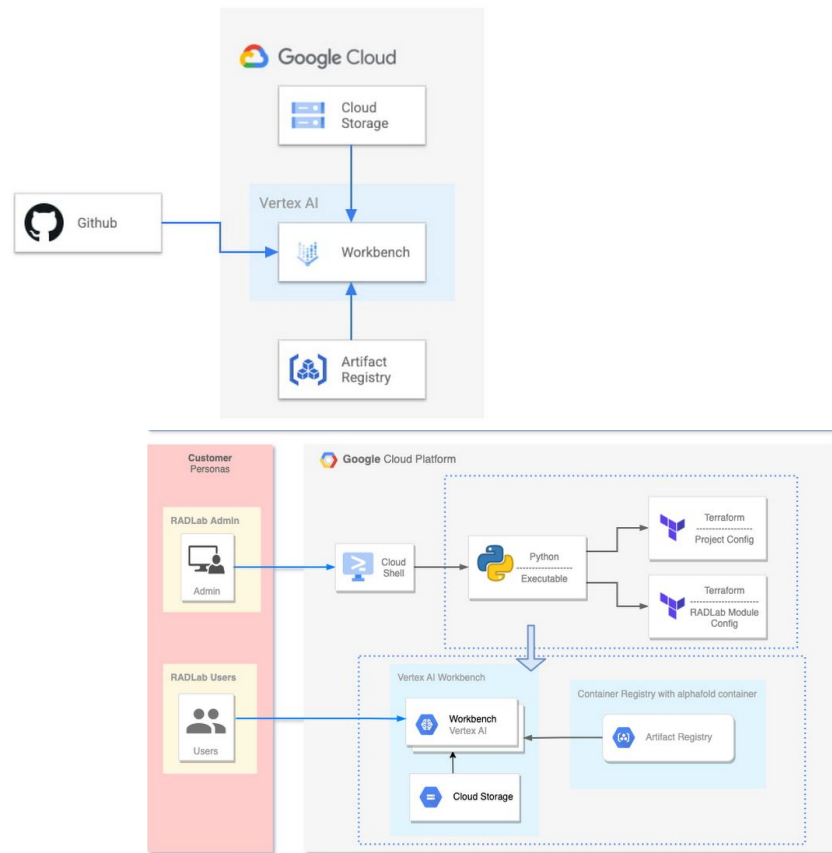
## Statement of Work Kickoff

- 1 Our understanding
- 2 High-level project management plan
- 3 Resources and Pricing
- 4 Next steps and deadlines

# Current Architecture

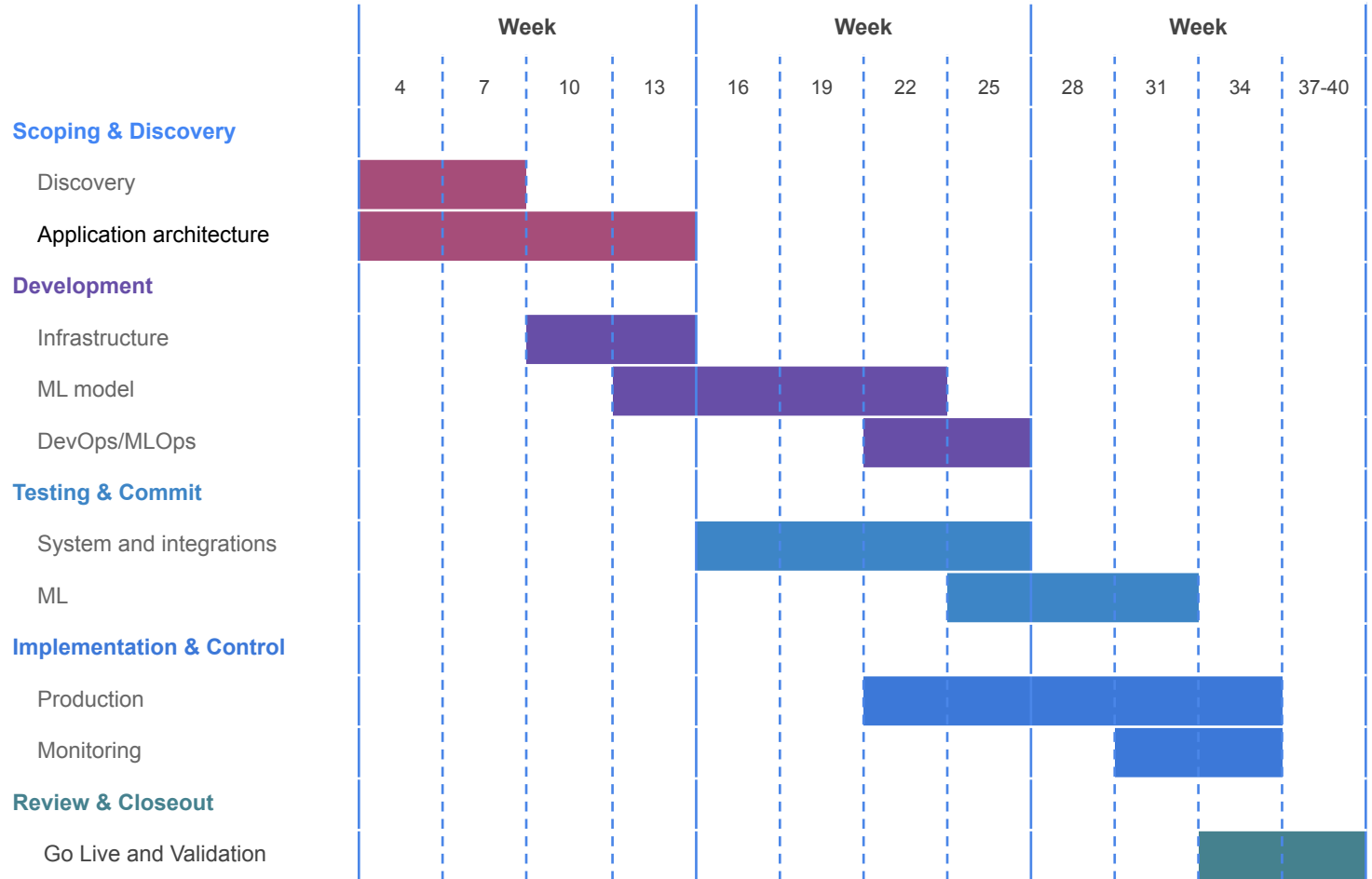


# Proposed Architecture



# Project Management Plan

- Estimated Timeline will be a total of 40 weeks from Scoping/Discovery to Go Live/Validate on Production.



# Project cost

| Role   | Rate  | Hours | Total (in US \$)                    |
|--|-------|-------|-------------------------------------|
| Engineering Project Manager                        | \$200 | 120   | $120 \times 200 = 24,000$           |
| Cloud Engineer                                     | \$75  | 240   | $2 \times 240 \times 75 = 36,000$   |
| Solution Data Architect with HLS specialty         | \$250 | 120   | $120 \times 250 = 30,000$           |
| Lead Principal Architect with Data/AI/ML Specialty | \$300 | 120   | $120 \times 300 = 36,000$           |
| Data Engineer                                      | \$150 | 480   | $3 \times 480 \times 150 = 216,000$ |
| Senior Data Scientist                              | \$175 | 240   | $2 \times 240 \times 175 = 84,000$  |
| <b>Total cost</b>                                  |       |       | <b>\$426,000</b>                    |

| Sl. no | Component   | Frequency | Rate (in US \$)             |
|--------|---|-----------|-----------------------------|
| 1      | Project Cost: <ul style="list-style-type: none"><li>Resources - \$426,000</li><li>Hardware, platform, etc. - \$74,000</li></ul> | One Time  | <b>\$500,000</b>            |
| 2      | Managing Services post production (if the client needs)   | Monthly   | \$ as per Deloitte's charge |
| 3      | Services Funds from Cloud   | One-Time  | 10% of total cost           |

# Roles and Responsibilities

| Role   | Project Needs (Quantity) | Responsibilities and Skill Sets  |
|--|--------------------------|--|
| Engineering Project Manager                        | 1                        | Sets up proper execution plan, Daily/weekly updates, Conduct kickoff meeting and weekly sync up calls, escalate issues and address concerns.<br><u>Skills</u> : Project management concepts, topics and tools.   |
| Cloud Engineer                                     | 2                        | Setting up integrations, DevOps, CI/CD, creating technical documents and deployment runbooks, provisioning and configuring API endpoints to proxy applications.<br><u>Skills</u> : Operational efficiency, Building automation, CI/CD  |
| Solution Data Architect with HLS specialty         | 1                        | Landing Discovery, design solution, data modeling and designing, end to end testing with UAT, execute data and ML pipelines. Advise on products for Healthcare and Life Sciences (HLS). Also communicate with Managers and Clients on data as needed.<br><u>Skills</u> : Documentation, Architecture design, HLS expertise.  |
| Lead Principal Architect with Data/AI/ML Specialty | 1                        | Supervising best practices of relevant Cloud Services, setting up testing end to end deployment, Cost optimizations, Validating the deployed architecture technically. Ensure HIPAA and local laws compliance to the projects. Also communicate with Managers and Clients on both short and long term success as needed.<br><u>Skills</u> : AI/ML advanced architectures, Cloud best practices |
| Data Engineer                                      | 3                        | Cleans data, Ingests data, Creation of data pipelines, data processing jobs, data validation scripts, ETL, Scheduling jobs and acting on monitoring/logging data.<br><u>Skills</u> : Python, Spark, Cloud Big Data, Messaging bus, ETL   |
| Senior Data Scientist                              | 2                        | Developing ML models for the chemical fingerprinting dataset, testing and improving the model, supporting the architects/engineers in deploying the model on Cloud.<br><u>Skills</u> : AI/ML concepts, Molecular Data concepts, ML model, Validation, Enhancements, Cloud machine learning   |

# Expanded Architecture

