

FinSight Agents Hackathon Timeline (June 1122)

Multi-Agent Financial Insight System Data Analysis & Insights | Google Cloud + ADK

[Project] Project: FinSight Agents - Multi-Agent Financial Insight System

[Duration] Duration: June 11 - June 22 (12 Days)

[Team] Team: Dhruv, Tanish, Fawaz, Tahab

[Category] Category: Data Analysis and Insights

[Build] Stack: Google Cloud, ADK, Gemini/Vertex, BigQuery, Plotly/Looker, Python

Legend:

[Research] Research [Build] Build/Implement [Test] Test [Demo] Demo [Documentation] Documentation [Complete] Complete

DAY 1 - June 11: Project Kickoff & Setup

Goal: Understand the scope, divide responsibilities, and set up the repository.

Dhruv: Research ADK architecture | Set up GitHub repo & README

Tanish: Research stock/crypto APIs | BigQuery setup

Fawaz: Research sentiment tools (VADER, Gemini, Vertex AI)

Tahab: Study Devpost projects | Research financial indicators

Outcome: Agent list finalized, roles assigned, GitHub initialized

DAY 2 - June 12: Finalize Architecture & Begin Agent Setup

Goal: Design system architecture and agent skeletons.

All: Create architecture diagram

Dhruv: Setup ADK | SupervisorAgent skeleton

Tanish: MarketDataAgent draft | Python-BigQuery integration

Fawaz: SentimentAgent draft

Tahab: InsightAgent shell | Gemini fallback

Outcome: Architecture finalized, agents scaffolded

DAY 3 - June 13: Build Market Data Agent

Goal: Set up data ingestion to BigQuery.

Dhruv & Tanish: Fetch top stocks | Clean/push to BigQuery | Query test

Fawaz & Tahab: Research visualization tools (Plotly/Looker)

Outcome: MarketDataAgent operational with BigQuery

DAY 4 - June 14: Build Sentiment Agent

Goal: Score stock sentiment via news.

Fawaz: Google Search Sentiment scoring

Tahab: Design prompts for Gemini | Test output

Dhruv: Assist with LLM pipeline

Tanish: Research Gemini fallback

Outcome: SentimentAgent functional with score/label output

DAY 5 - June 15: Build Insight Agent + Coordination

Goal: Link all agents under SupervisorAgent.

Dhruv: Finalize SupervisorAgent logic

Tanish & Tahab: Build InsightAgent - BQ + sentiment summary

Fawaz: Test full agent pipeline

Outcome: Core system orchestration working

DAY 6 - June 16: Visualizations & Debugging

Goal: Insight visuals + bug fixes

Tahab: Build dashboards (Plotly/Looker)

Tanish: Validate visual data

Dhruv & Fawaz: Full system test with 3-5 stocks

Outcome: System outputs graphs + summary

DAY 7 - June 17: Refactor & Add Error Handling

Goal: Code cleanup & fallback systems

All: Add logging | Refactor modules | Error handling

Outcome: Stable, clean codebase

DAY 8 - June 18: Final Demo Lock

Goal: Freeze features, record walkthrough

Dhruv: Record demo | Draft script

Tahab: Finalize architecture diagram | Polish README

Tanish: Optional frontend

Fawaz: Judging simulation review

Outcome: Demo recorded, repo ready

DAY 9 - June 19: Documentation & Devpost Draft

Goal: Prepare submission material

All: Writeup (features, tech, learnings) | Add media | Proofread

Outcome: Devpost draft ready

DAY 10 - June 20: Internal Review & Feedback

Goal: Improve based on peer critique

All: Present to mentor | Refine based on feedback

Outcome: Submission finalized

DAY 11 - June 21: Final Polish & Submit

Goal: Submit to Devpost

All: Final review | Submit | Backup

Outcome: [Done] Submission complete

DAY 12 - June 22: Rest or Future Planning

Goal: Celebrate or plan Phase 2

Outcome: Optional roadmap or open-source publishing