

Challenge Statement #1

Play and familiarize with agent tech

- Develop agents using uAgent library wrapping regular APIs; examples: agent wrapping Yahoo finance API for financial data, agent wrapping Skyscanner API for travel data (use these as pointers to find other API examples).
- Develop agents using uAgent library wrapping AI/ML inference APIs; examples: agent wrapping Finbert model inference for financial sentiment analysis on the Hugging Face platform, agent wrapping Google's Graphcast API for weather data (use these as pointers to find other AI/ML inference API examples).
- Use AgentVerse to run your agents.

Challenge Statement #2

Experience agent discovery and assembly using the AI Engine & the DeltaV interface

- Register your agents with the AI Engine using the AgentVerse Services feature and test the discovery of your agents using the DeltaV interface. During your testing also explore the dev mode to see the inner workings of the AI Engine.
- Test the self assembly and chaining of multiple agents using AgentVerse Services feature, the DeltaV interface (powered by AI Engine) and agent description tuning to deliver a use case or a combination of complimentary agent services.

Challenge Statement #3

Develop app-less agent based applications running inside popular communication interfaces

- Integrate with the AI Engine API with alternative communication interfaces (instead of using DeltaV) such as Whatsapp, Discord, Slack, and Telegram, to deliver AI agent powered applications in these interfaces. Additionally, add scheduling attribute to your applications by integrating with the Google Calendar API.