# OraclePIRG

OraclePIRG (Personalized Investment Report Generator) is a modular multi-agent system for generating customized investment narratives based on client profiles, market data, due diligence, and compliance insights. Designed to streamline financial advisory, it produces structured output in text, JSON, and PDF formats.

## 🚀 Features

- Modular agents for ingestion, profiling, diligence, narrative generation, compliance, and more

- PDF + JSON report generation

- Fully async-compatible orchestrator

- Designed for enterprise use cases in wealth & asset management

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## 🛠️ Installation

### Option 1: Local Install (Development Mode)

Clone this repository and install using pip:

```bash

git clone https://github.com/kgauvin603/MyOracleProjects.git

cd MyOracleProjects/OraclePIRG

pip install .

**Option 2: Direct from GitHub**

pip install git+https://github.com/kgauvin603/MyOracleProjects.git#subdirectory=OraclePIRG

**Package Structure**

OraclePIRG/

├── Agents/

│ ├── rag\_agent.py

│ ├── data\_ingestion\_agent.py

│ ├── ...

├── orchestrator.py

├── orchestrator\_runner.py

├── setup.py

├── README.md

**How to Use**

**Run from Python**

import asyncio

from OraclePIRG.orchestrator import BetterBoyOrchestrator

async def main():

orchestrator = BetterBoyOrchestrator()

results = await orchestrator.run(

query="Global Inflation 2025",

source="Oracle + Reuters",

client\_info="Family Office",

diligence\_packet="Fund XYZ",

manager\_data="Manager DEF",

analyst\_feedback="Please emphasize downside risk next time"

)

for result in results:

print(result)

asyncio.run(main())

**Outputs**

* better\_boy\_report\_<timestamp>.json — structured version of the output
* better\_boy\_report\_<timestamp>.pdf — readable investor-ready report
* Plaintext logs from each agent

**Dependencies**

Key libraries include:

* openai, gradio, langchain, transformers, torch
* fpdf2, reportlab — for PDF generation
* networkx, scikit-learn — for future agent explainability

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