

Dominion AI/ML Refactor Report

Objective:

Standardize file organization to align with common Python project practices.

Key Changes:

- Moved RL source code into src/agent_rl to use a src layout.
- Added scripts/train_agent.py as a dedicated entry point.
- Relocated research assets into docs/research.
- Added docs/reports/refactor_report.pdf for change tracking.
- Added a root .gitignore and removed __pycache__ artifacts.

Why These Changes:

- src/ keeps import paths predictable and avoids accidental local imports.
- scripts/ clarifies runnable entry points vs. library code.
- docs/ centralizes reports and research for discoverability.
- .gitignore prevents build artifacts from polluting the repo.

Updated Files/Paths:

- agent_RL/* -> src/agent_rl/*
- agent_RL/main.py -> scripts/train_agent.py
- research/* -> docs/research/*
- README.md updated to reflect new structure