



Automating Euroleague Data into Actionable Insights

Presented by:

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Dimitris Kotsiras

Get to know Us



Dimitris Kotsiras



Work Experience

Data Analyst



Studies

BSc Electrical Engineering

Msc Data Science



Dimitris Papastavridis



Work Experience

Power BI Consultant



Studies

BSc Applied Mathematics

Data Science Bootcamp

WHY, WHAT & WHO



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- No unified way to analyze performance
- Manual processing limits real-time insights

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- Structured database with historical & live data
- Visual, interactive insights with 1-click filtering

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WHO BENEFITS

- Scouts & GMs for transfer evaluation
- Media & Journalists for pre/post-game insights
- Fans & stat lovers for advanced player tracking

Source of Data

API

euroleague_api Public

main 6 Branches 18 Tags

Go to file Add file Code

giasemidis site and docs documents updated 4371e44 · last month 126 Commits

File	Description	Last Commit
.github	funding.yml added	5 months ago
docs/euroleague_api	site and docs documents updated	last month
notebooks	notebooks updated	last year
site/euroleague_api	site and docs documents updated	last month
src/euroleague_api	minor improvements and fixes	last month
.gitignore	requirements updated	2 years ago
.pre-commit-config.yaml	pre-commit and mypy fixes	2 years ago
LICENSE.md	url link fixed in license.md	4 months ago
README.md	updated documentation to include game metadata module	2 months ago
mypy.ini	pre-commit and mypy fixes	2 years ago
pylintrc	code refactored in classes, eurocup data now available	last year
pyproject.toml	init commit	2 years ago
requirements.txt	requirements updated	2 years ago
setup.cfg	minor improvements and fixes	last month

Web Scraping

2025-2026 Euroleague Transactions

Season: 2025-2026 League: Euroleague Team: All Euroleague Teams

July 2025

July 23, 2025

- Yoan Makoundou has signed with AS Monaco Basket.

July 22, 2025

- Tornike Shengelia has signed with Barca.
- Will Clyburn has signed with Barca.
- Marcio Santos has signed with Maccabi FOX Tel Aviv.
- Filip Petrushev has signed with Fenerbahce Beko.
- Lazar Stojkovic has signed with KK Crvena Zvezda.
- Bryant Dunston has signed with AX Armani Exchange Milan.

github.com/giasemidis/euroleague_api

basketball.realgm.com/international/league/1/Euroleague/transactions

Architecture

Architecture

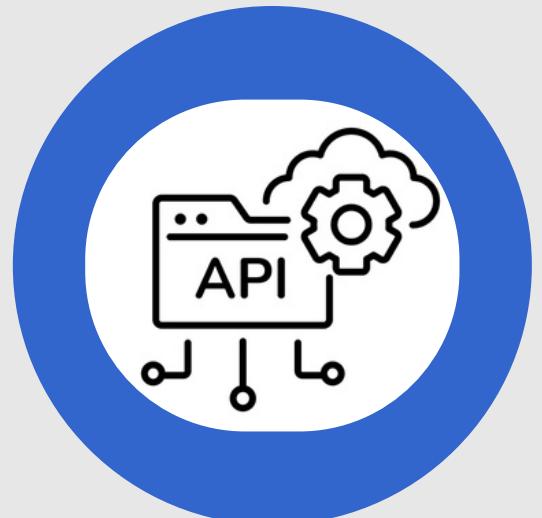


Architecture

All services run as Docker
Containers on an Azure VM for
reproducibility and isolation



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Architecture



Fetching structured data

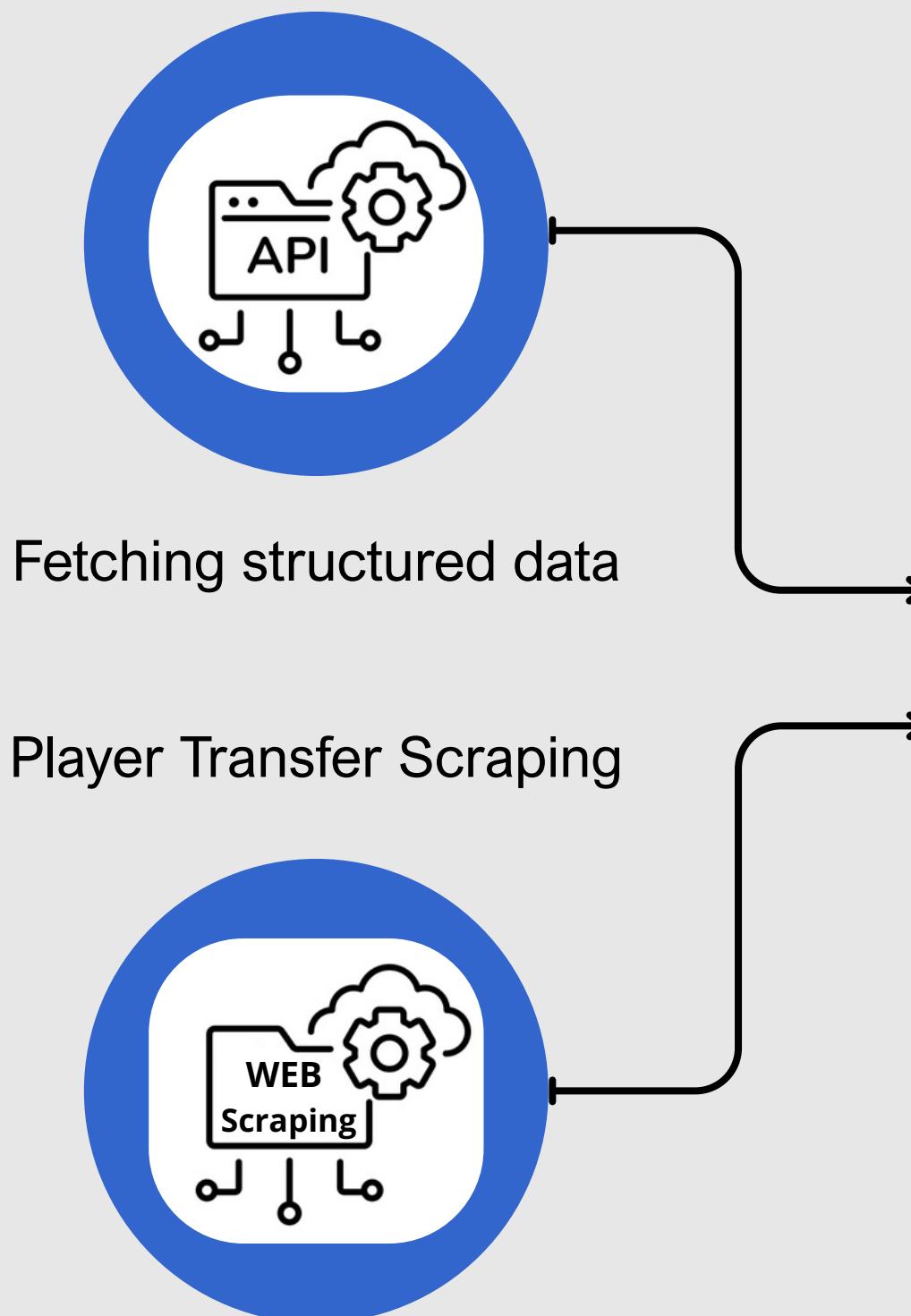
Player Transfer Scraping



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Architecture



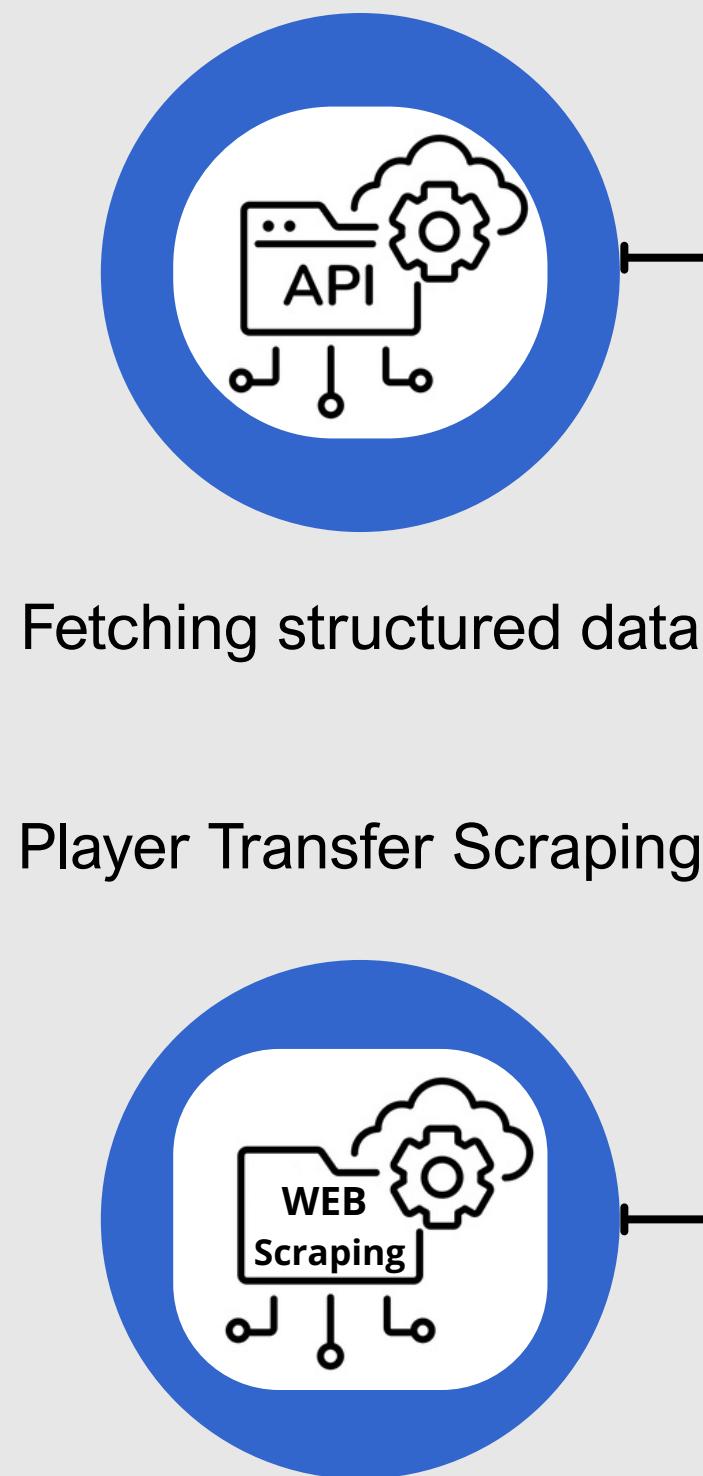
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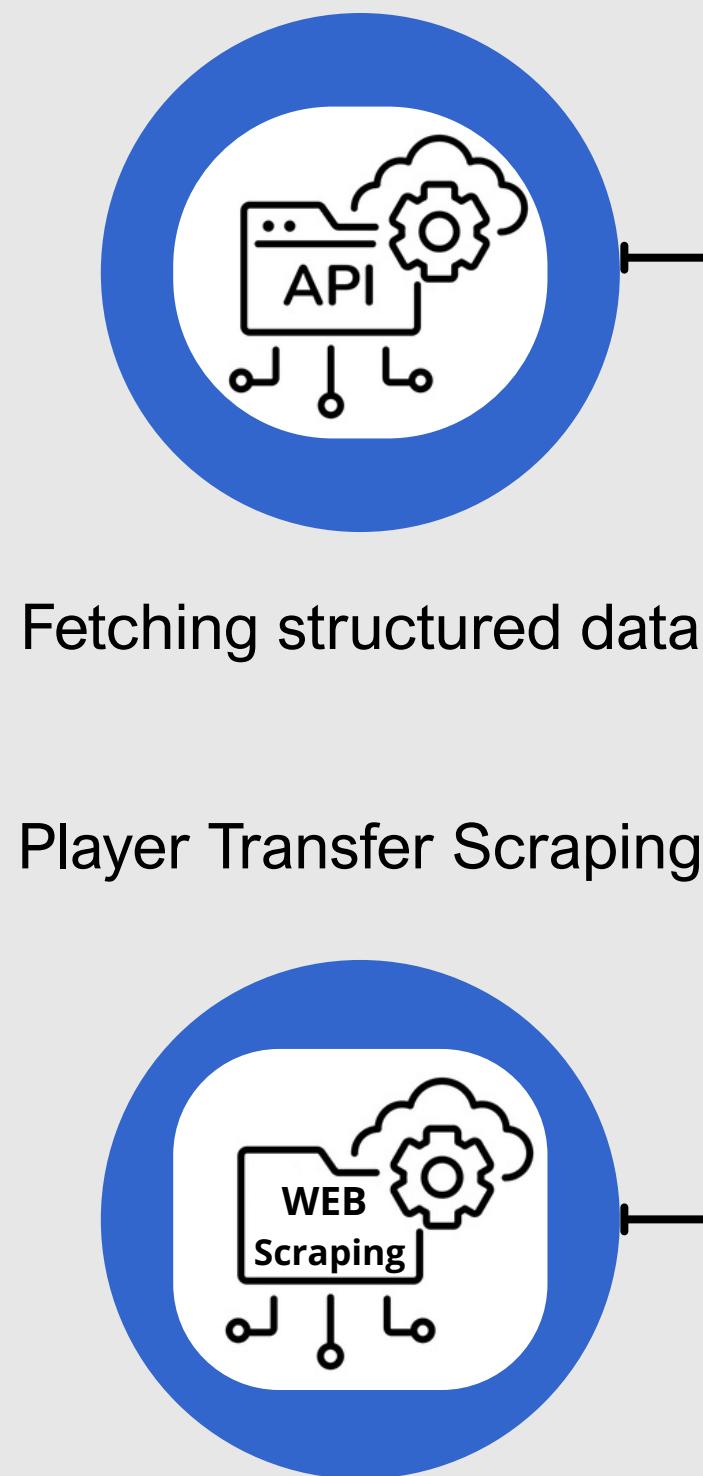
Orchestrator



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Architecture



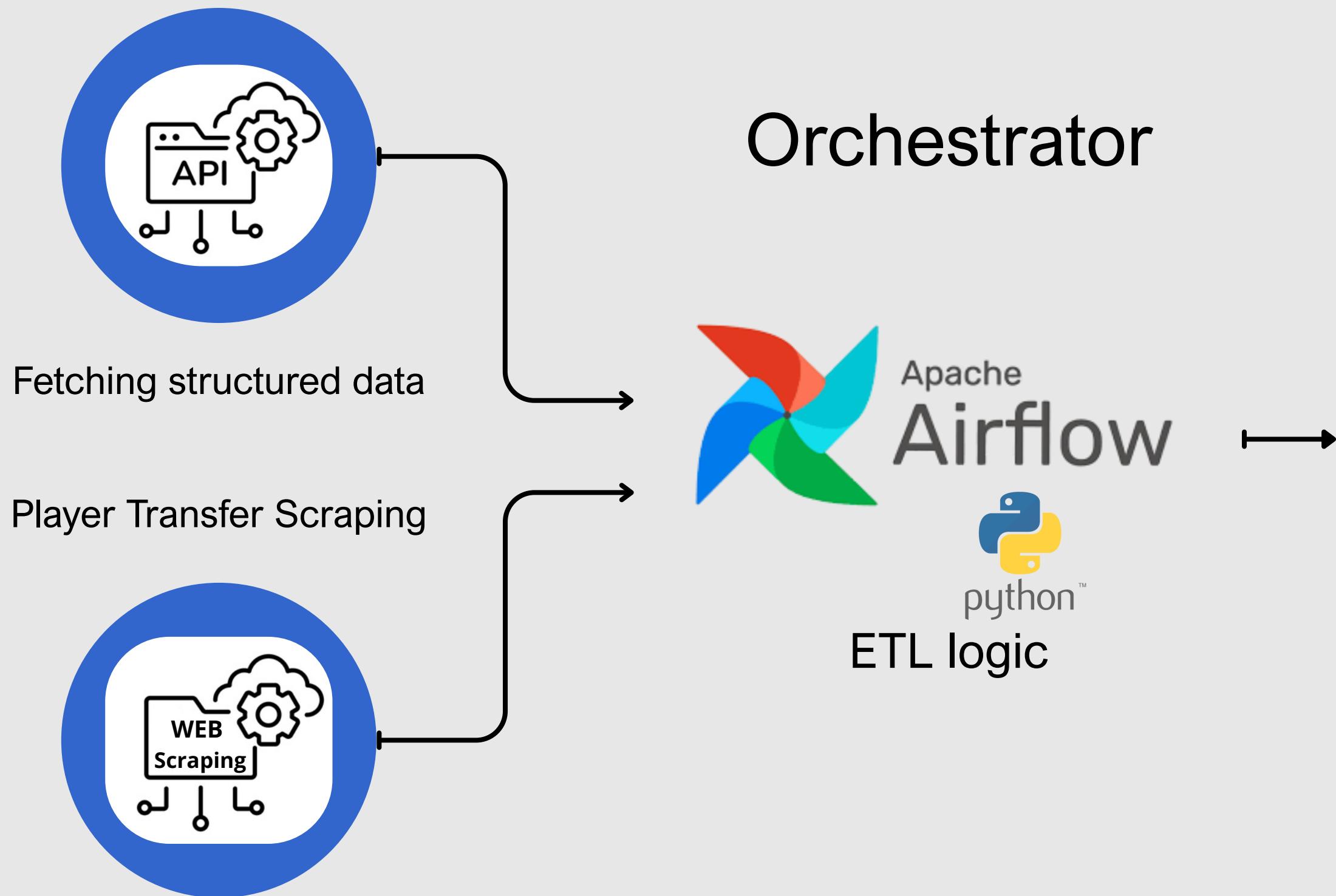
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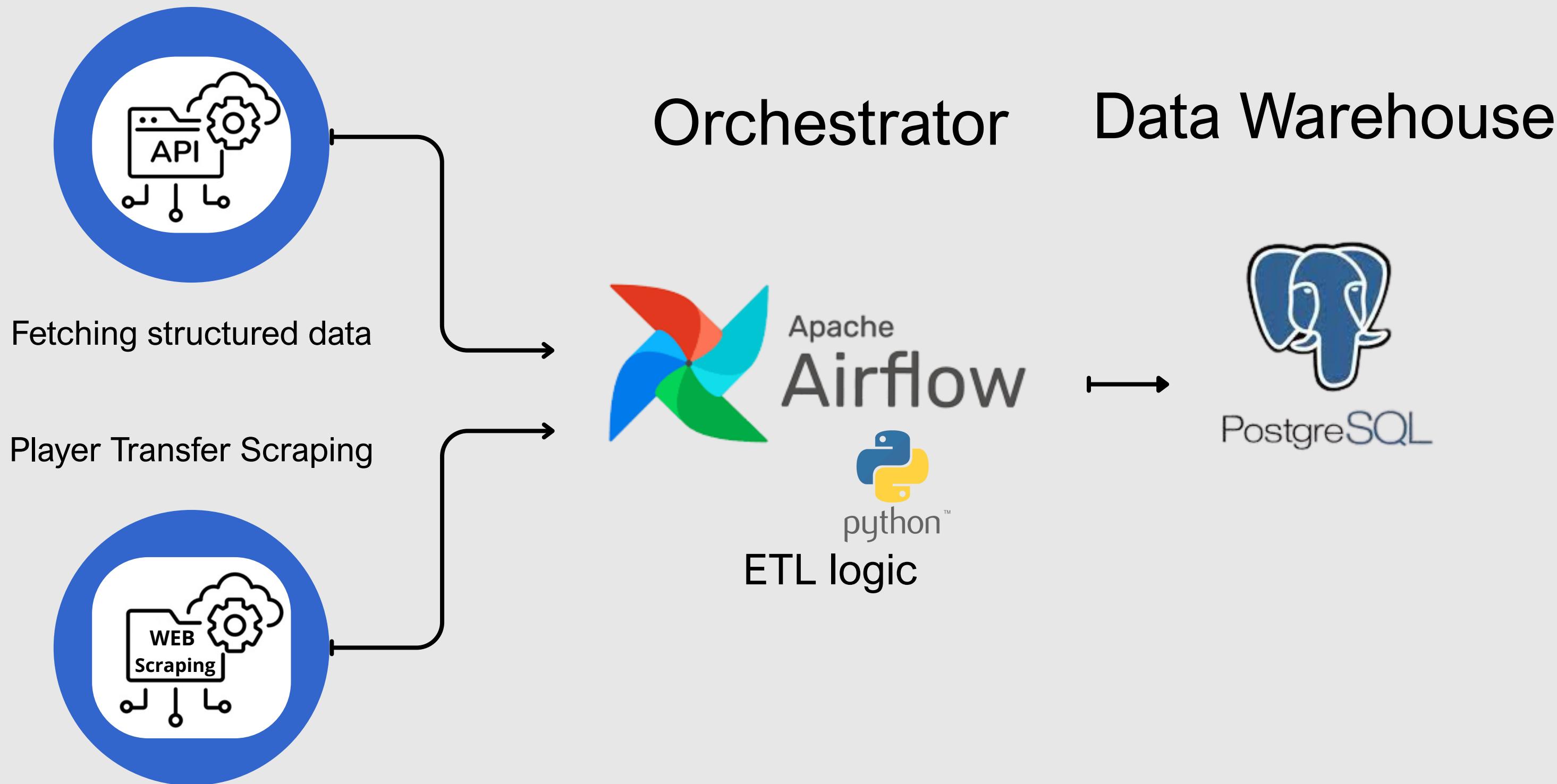
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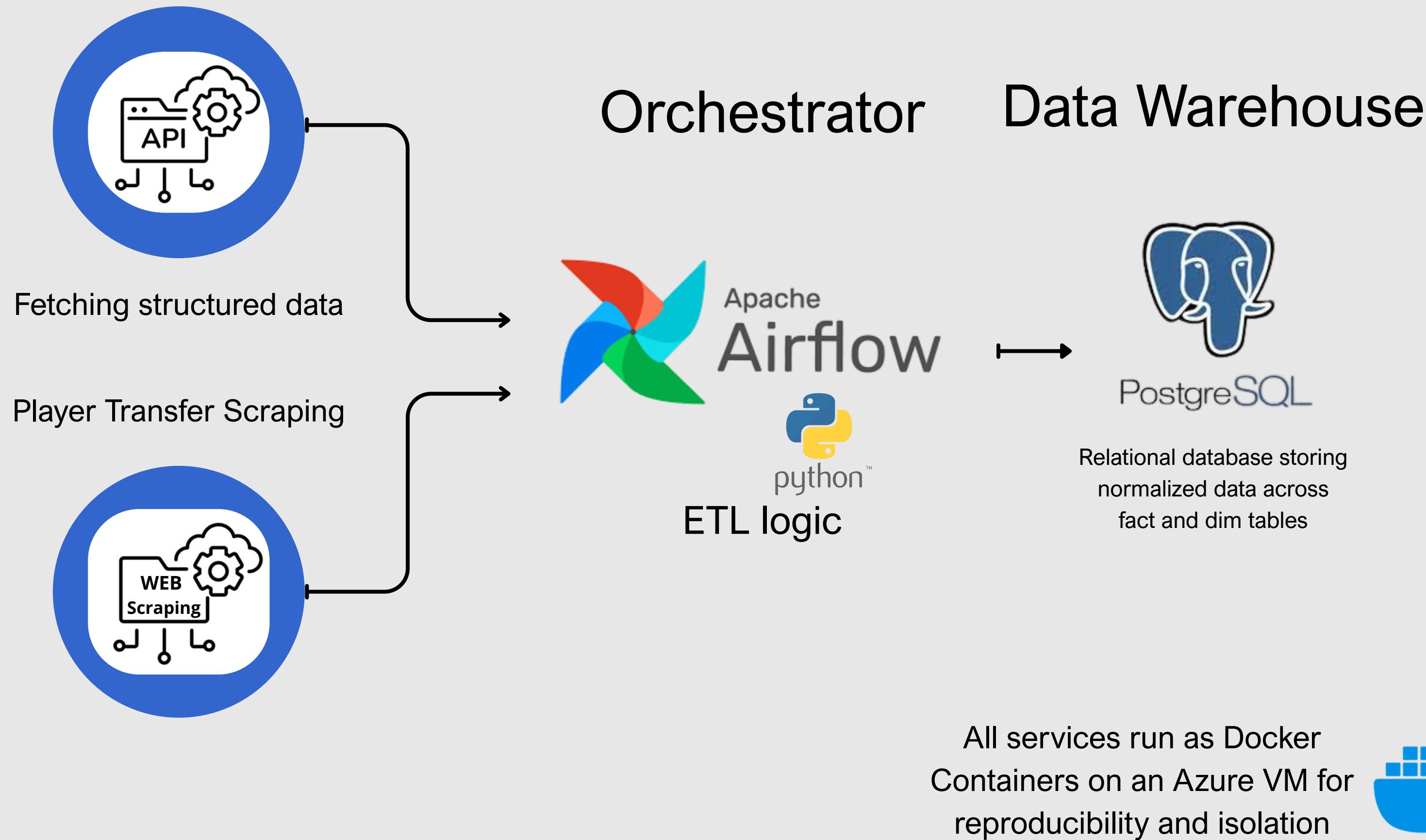
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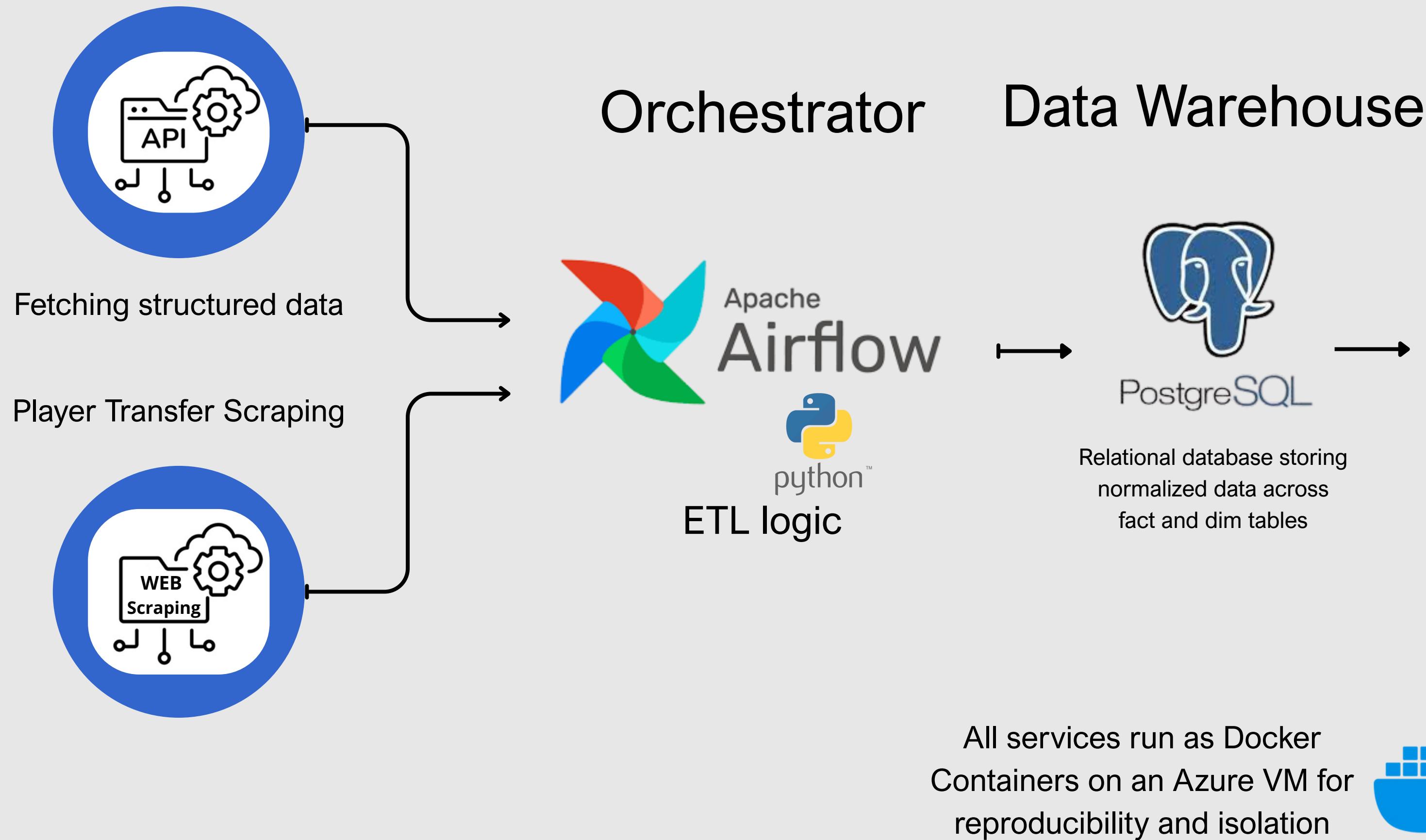
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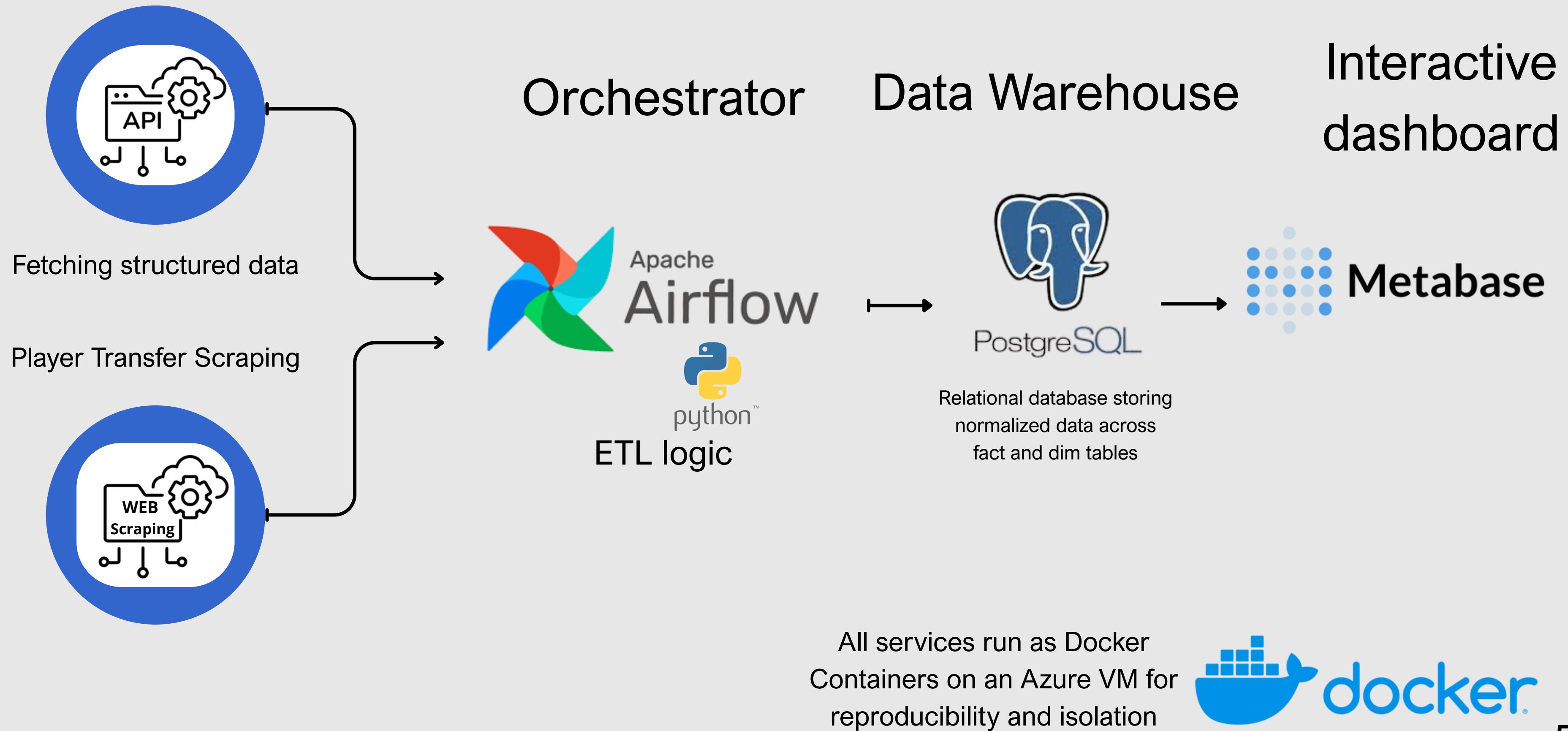
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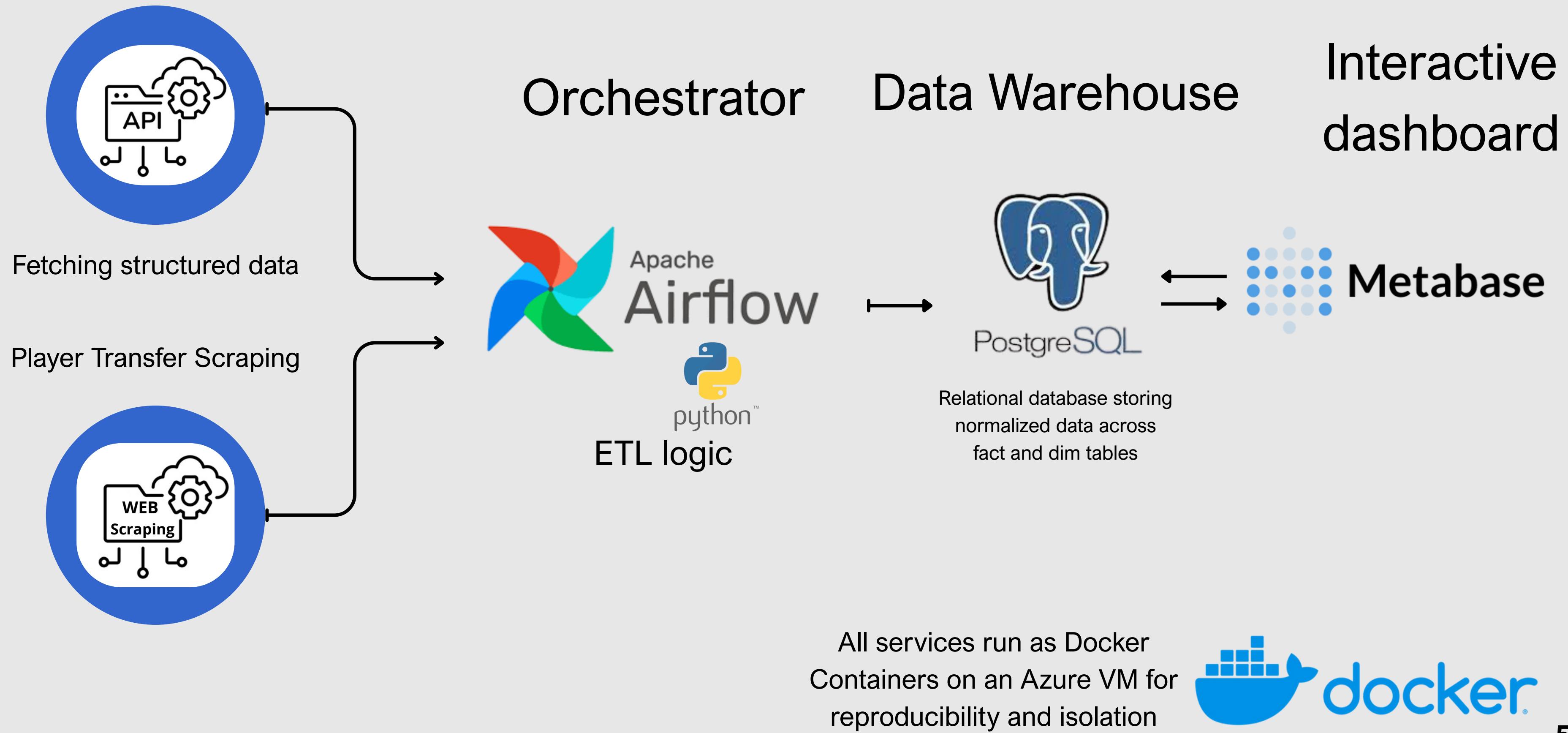
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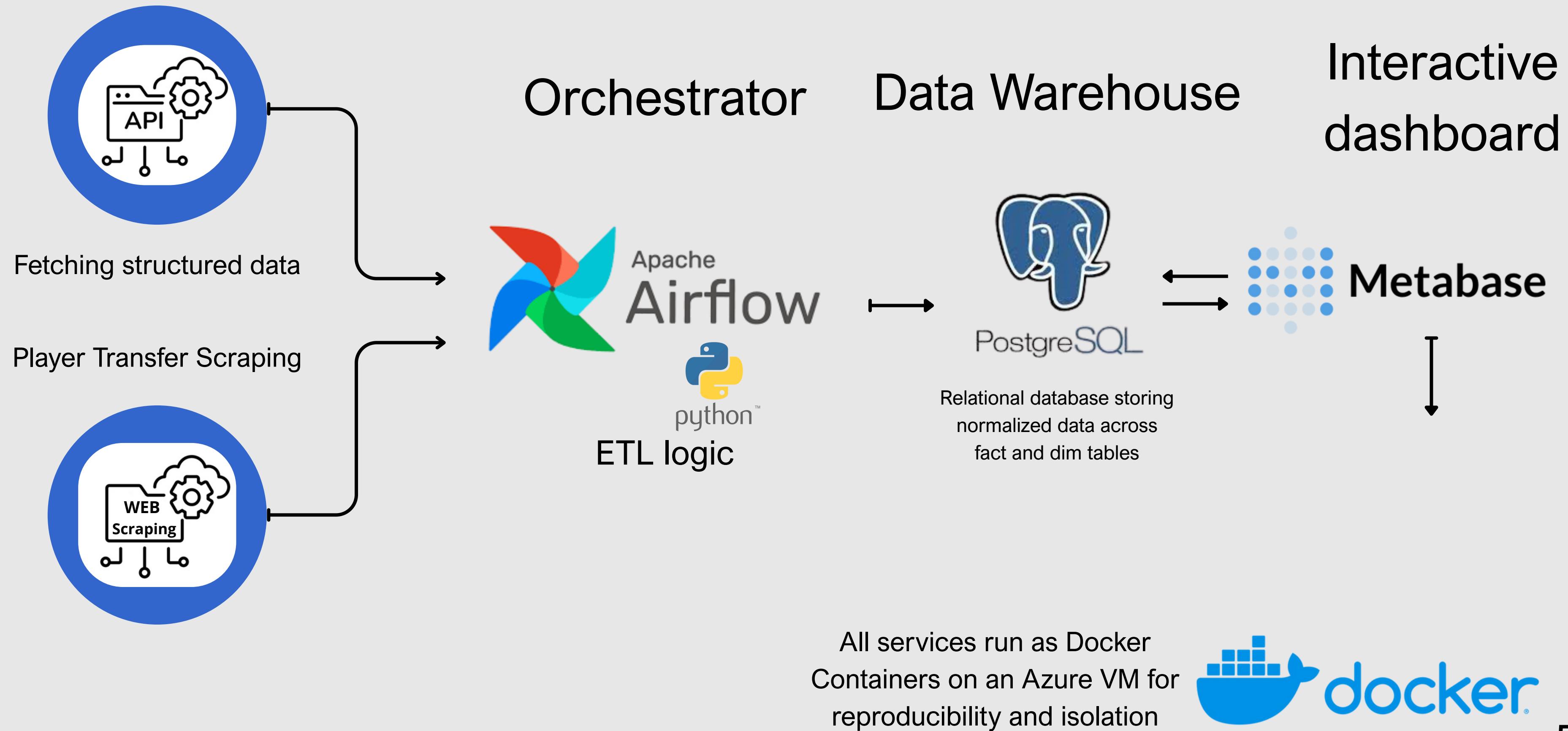
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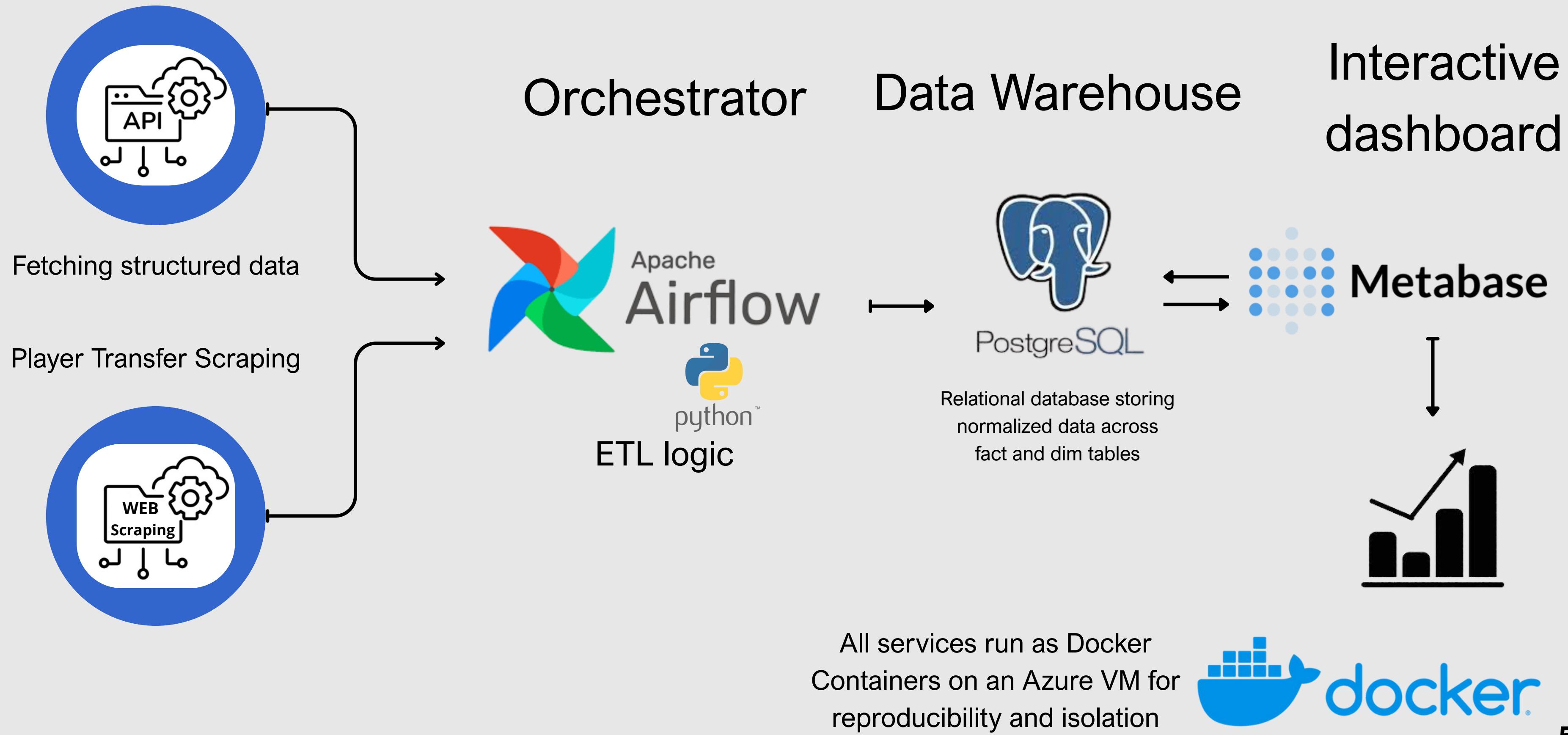
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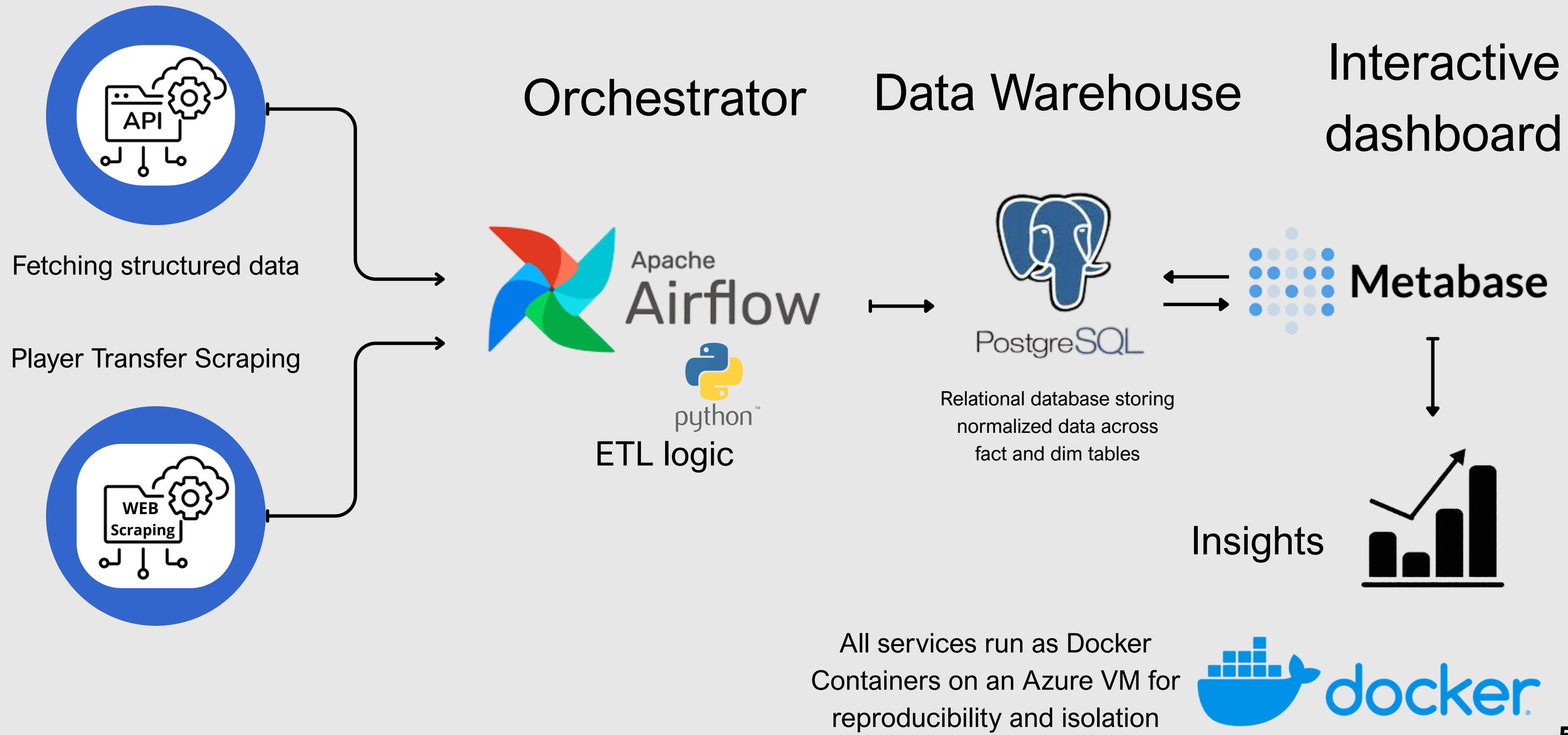
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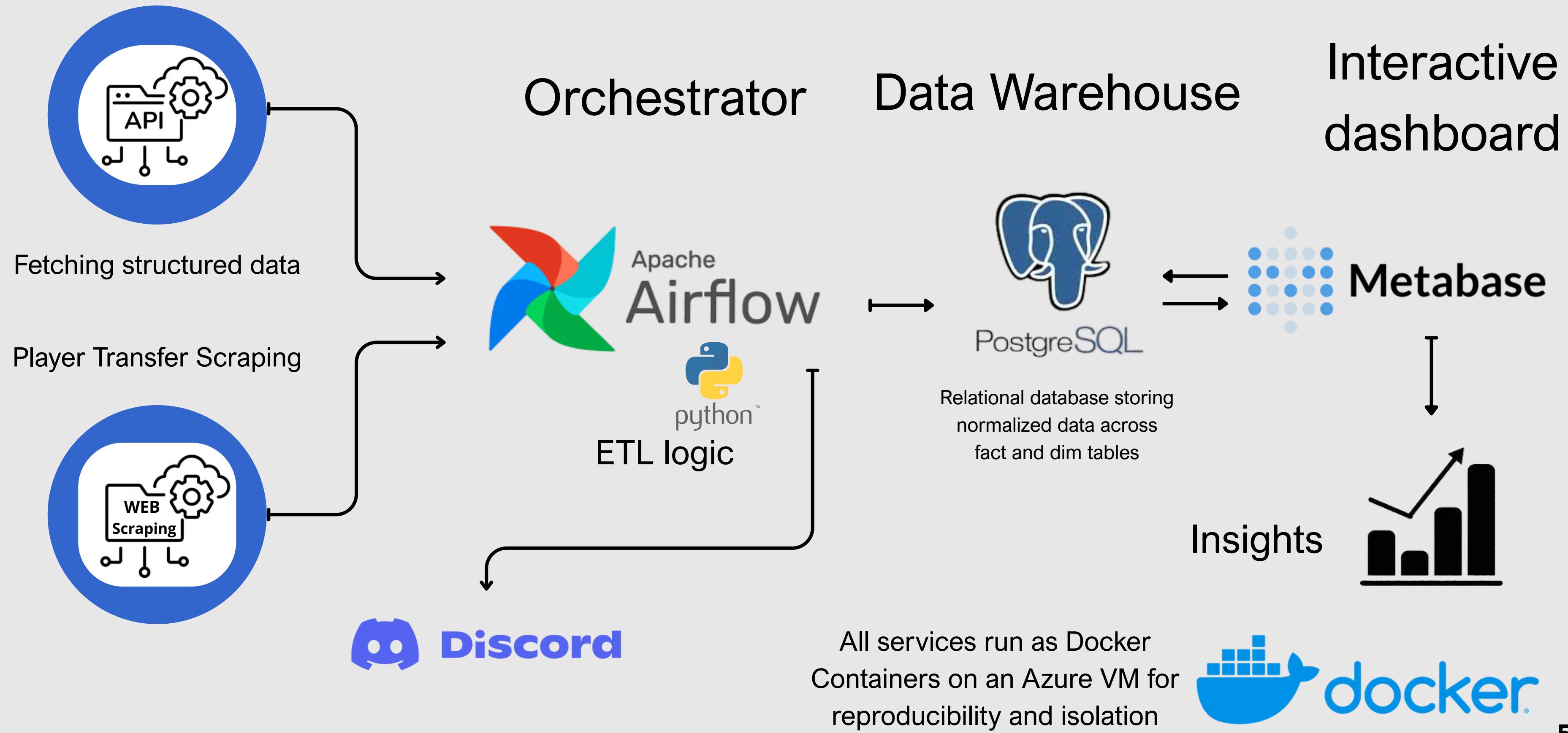
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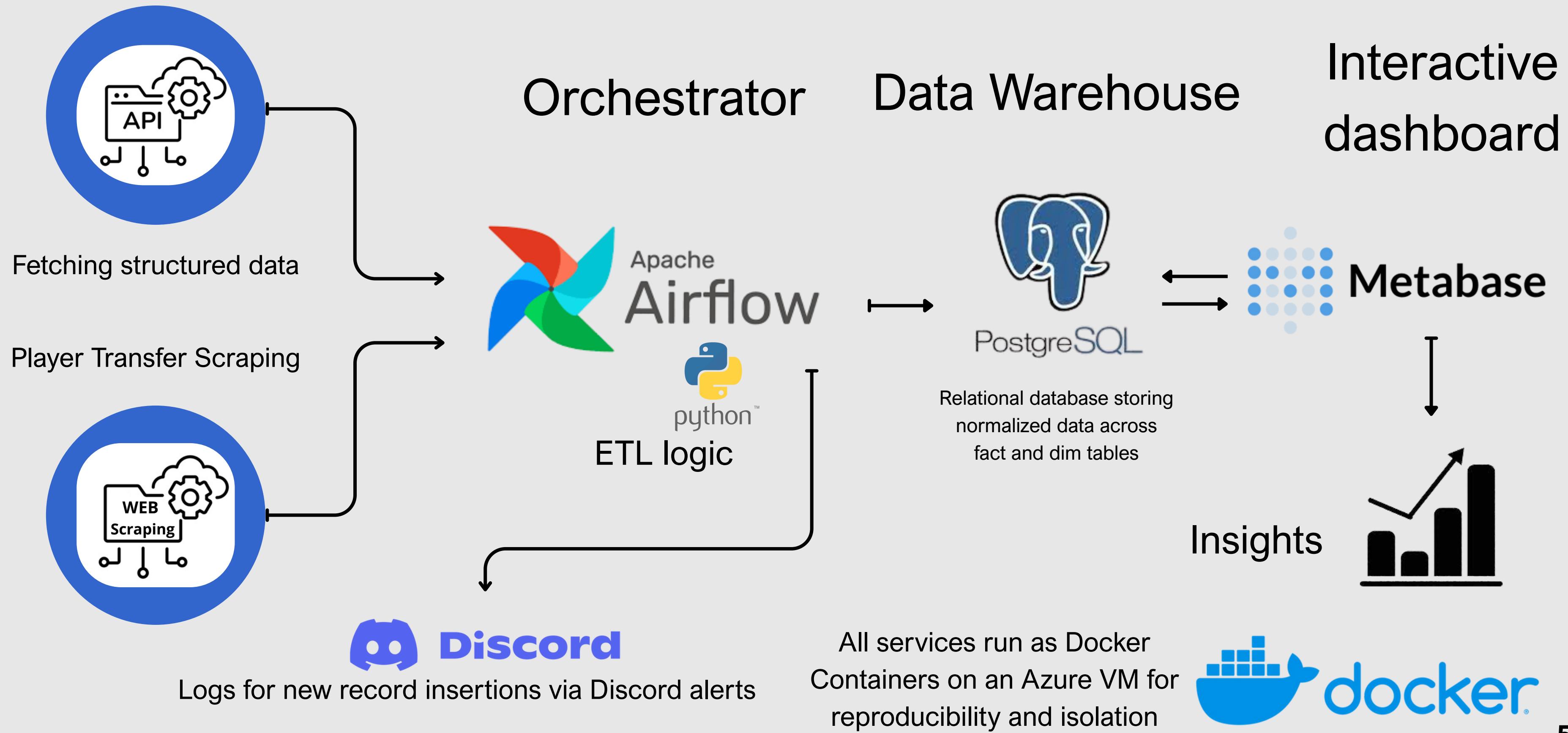
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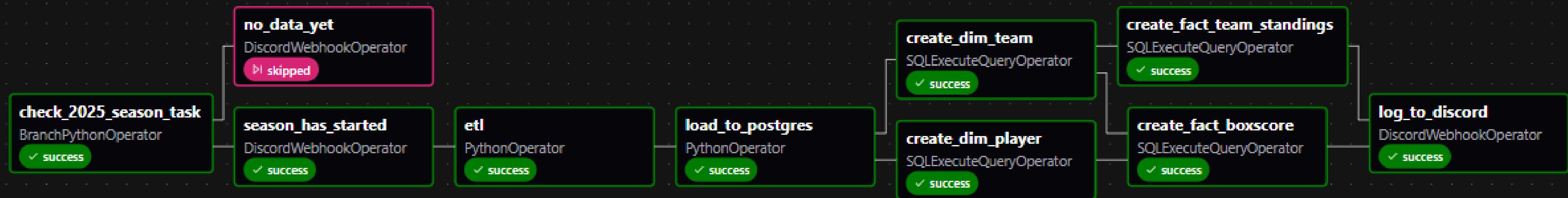
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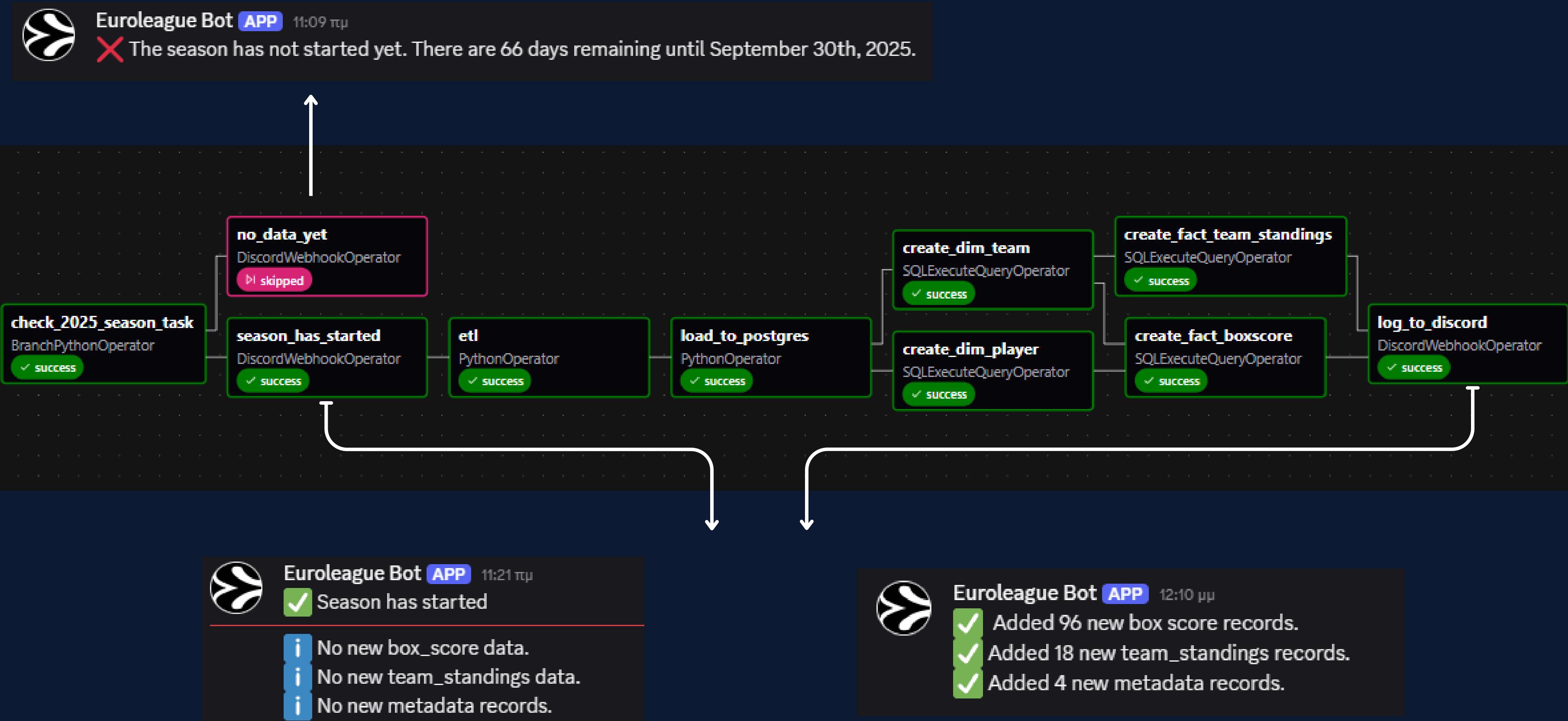
DAG in Action



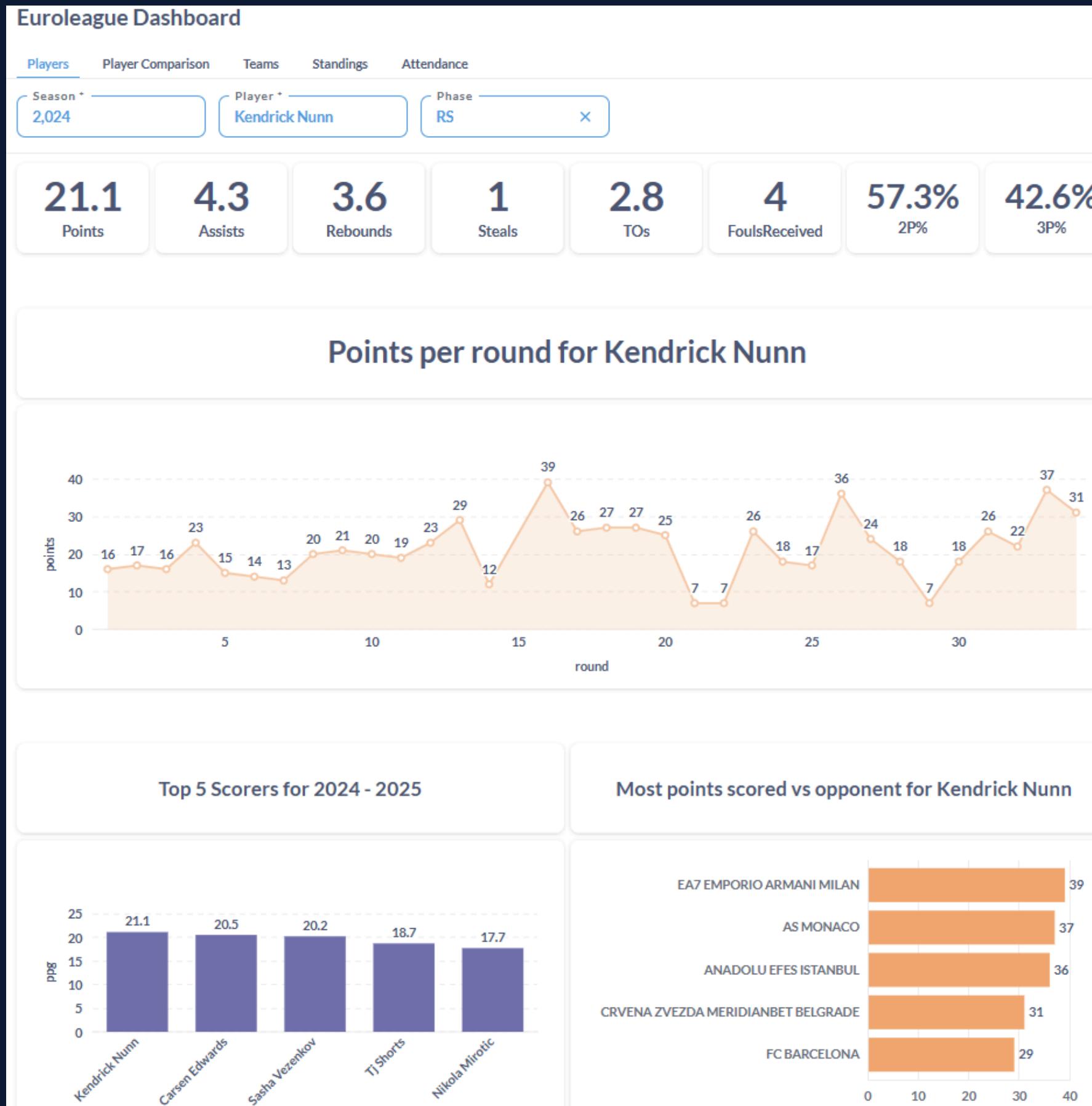
DAG in Action



DAG in Action



Sneak Peek from Metabase



- Track player performance across rounds with dynamic charts and KPIs.

- Filter by player, season & phase to customize the view instantly.

Explore our live dashboard here



Future Plans

- Add data from other leagues such as Eurocup, NBA
- Introduce advanced statistics
- Expand to pre-2016 seasons



Thank you !

DIMITRIS PAPASTAVRIDIS



DIMITRIS KOTSIRAS

