Monitor Data pipelines in Airflow

**Grid View**

1. Shows the number of time DAG has run and shows the history of the states of DAG runs and tasks
2. What all tasks associated with the DAG with duration and min and avg timing for debugging the long running pipelines
3. In grid view you can mark the DAG failed or success manually while troubleshooting

Graphical user interface, table

Description automatically generated

Graphical user interface, text, application

Description automatically generated

**Graph view** – example\_bash\_operator

1. Graph view shows all the **dependencies** and flow of task in order.
2. Hovering over one of the task will show its dependent tasks and the flow of task.

Graphical user interface, text, application

Description automatically generated

**Landing Times view**

Shows the time it takes for tasks to complete over many DAG runs

**Calendar view**

1. This view gives the holistic picture of all the schedule tasks over time.
2. Easy to spot trends of failure during specific day/time

Table

Description automatically generated with medium confidence

**Gantt view**

1. Shows the task duration and help spot bottlenecks in the DAG
2. Overlapping bars depicts parallel task triggers together
3. Another tool to spot long running task and optimize them.

Graphical user interface

Description automatically generated

Build pipeline to connect api and extract user information into postgres users table

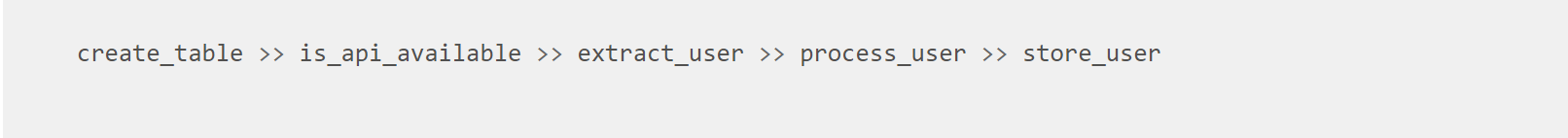
Graphical user interface, text

Description automatically generated

Text

Description automatically generated

Define dependencies and work flow



Graphical user interface, text

Description automatically generated

Fixed code errors and run the pipeline

Table

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Results

Text

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