

Streamline your DataOps



# **About Us**

### Company

Founded 2018, 20 Engineers

### Team

### **Data and ML Enthusiasts**

Data Engineering, ML Engineering, Data Science, **Data Product** 













### **Funding**

Well Funded, Series A Stage, Leading VCs











### Stage

Daily production use in some of the world's most exciting data engineering teams

Fortune 50 enterprises to 50 person startups







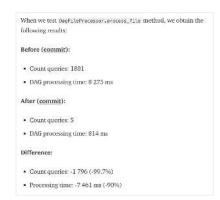


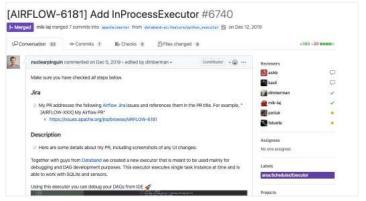


# **Contributions**

- Functional DAGs (AIP31)
- Scheduler Optimizations
- In-Process Executor







# **Problem Statement:**

In data engineering teams today, it's hard to know that pipelines are reliable.



# **Data Engineering Stages**

## Observability



### **Identify Need**

Deciding that data is worth it,

scientists need help, assigning

realizing that analysts and

the appropriate resources.

Investing in tools that get data from point A to point B, in the structure that's needed for

analysis or ML.

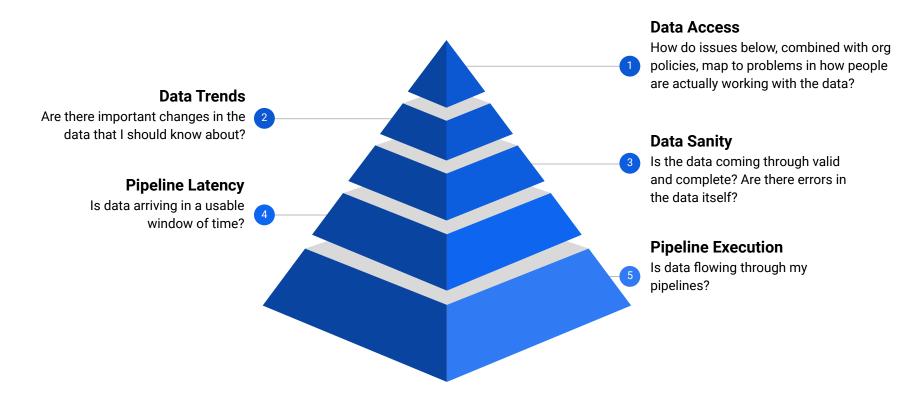
### Build Make Sure it Works

Investing in the Ops and CI/CD practices required to ensure reliability and safe iteration.

(Most Airflow companies here, part of why Airflow was selected)



# **DataOps Observability Pyramid of Needs**



# What makes it tough?



# **Pipelines Are More Complex**

# Before Today Airflow Si Coogle kubernetes Pour Musica Mariana Mar



# Standards Are Not Yet Defined





**DevOps** 







Details for Job 0

Status: SUCCEEDED

Completed Stages: 2 Completed Stages (2)

**DataOps** 





2015/06/17 3 6

Shuttle Shuttle

73%

Submitted Duration Succeeded Total Input Output Read Write



# **Data Engineering Time is Precious**



**2x** more job openings for data engineers than data scientists

**50%** of companies don't have enough backend data engineers

**180** hours a week spent on pipeline troubleshooting at avg company

Stats from PulseQ&A research firm, 2018 dataops survey Salary figures from Indeed queries



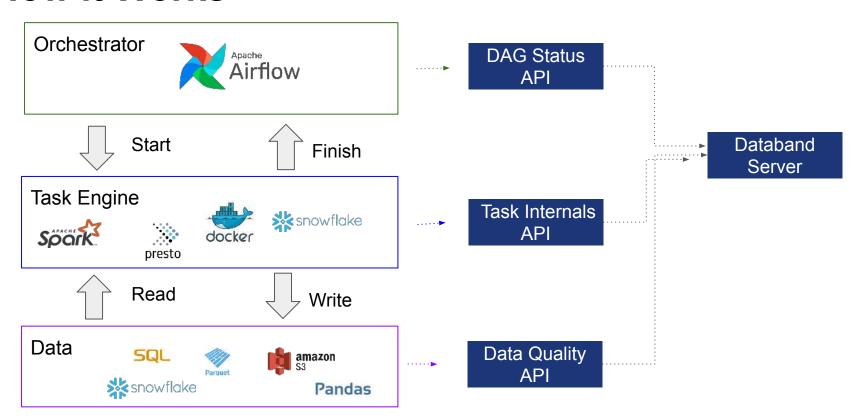
# Databand helps data engineering teams ensure reliable delivery of quality data.

By providing deep monitoring on the health of data pipelines (observability).

Collect, organize, and alert on pipeline metadata



# **How it Works**



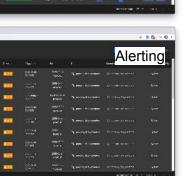
# Demo



# **Instant View on Data Pipeline Health**

### **Product Screenshots**













# Contact us to learn more! contact@databand.ai

Always open to discussion, ideas, feedback