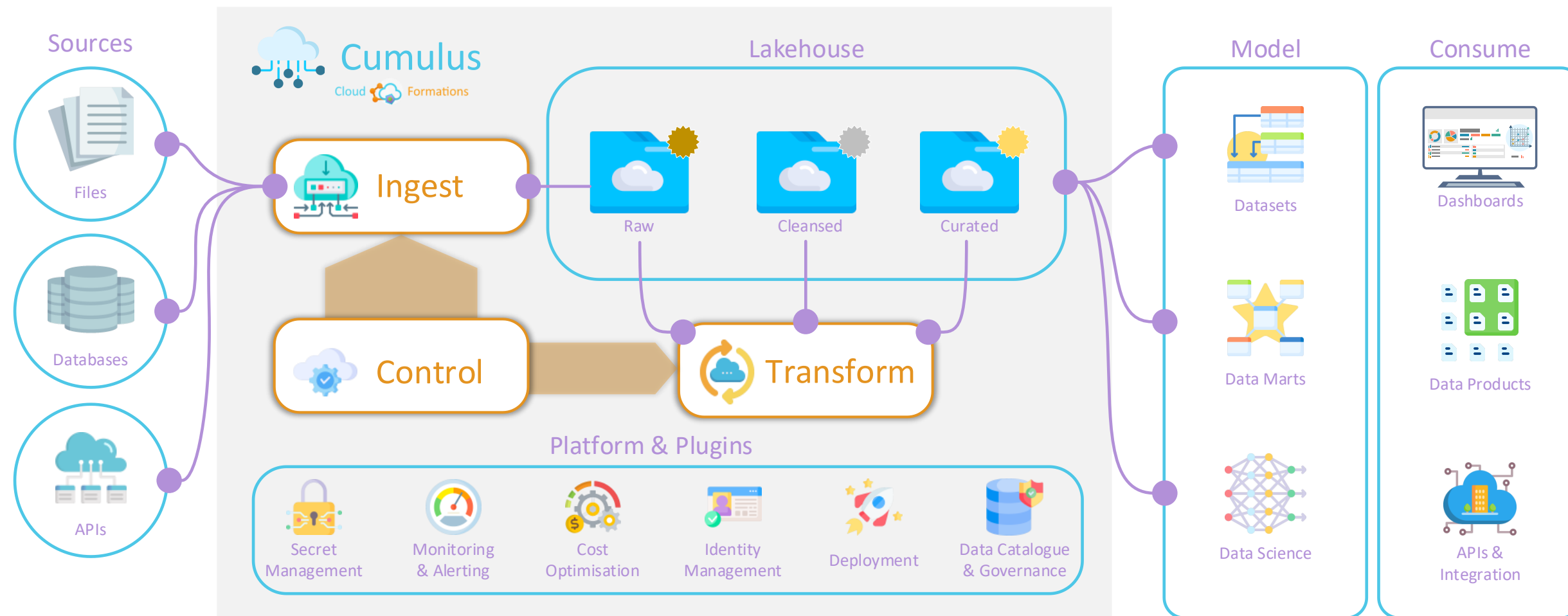




# Cumulus Framework



- **Open Source\*:**  
Zero cost, unlimited access to code
- **Scalable:**  
Horizontal & vertical scaling for Big Data executions
- **Cost-Efficient:**  
Faster time-to-insight reduces delivery costs
- **Extensible:**  
Supports complex & unique data handling
- **Collaborative:**  
Brings development & operations together
- **Rapid Development:**  
Accelerates data solution implementation
- **Proven Framework:**  
Adopted and used with 100+ repository forks
- **Transparent & Trustworthy:**  
Tried & tested patterns using mature technologies



Underlying Technology: **Spark** **DELTA LAKE™**

Works With:

## Control

- Metadata-driven workflow orchestration
- Managed dependency chains
- Concurrent batch processing
- Multi-threaded execution
- Resilient exception handling
- Enterprise grade reliability

## Ingest

- Metadata-driven data ingestion
- Adaptable to all scenarios
- Extensible data sources & formats
- Flexible operating modes:
  - Deploy-time code gen
  - Run-time code gen<sup>†</sup>

## Transform

- Metadata-driven data transformation
- Rapid engineering of common transformations
- Scalable data processing
- Baked in support for dimensional models
- Supports AI & Machine Learning model inference
- Complete flexibility through custom notebooks

\* In accordance with MIT licencing.

<sup>†</sup> Coming soon.