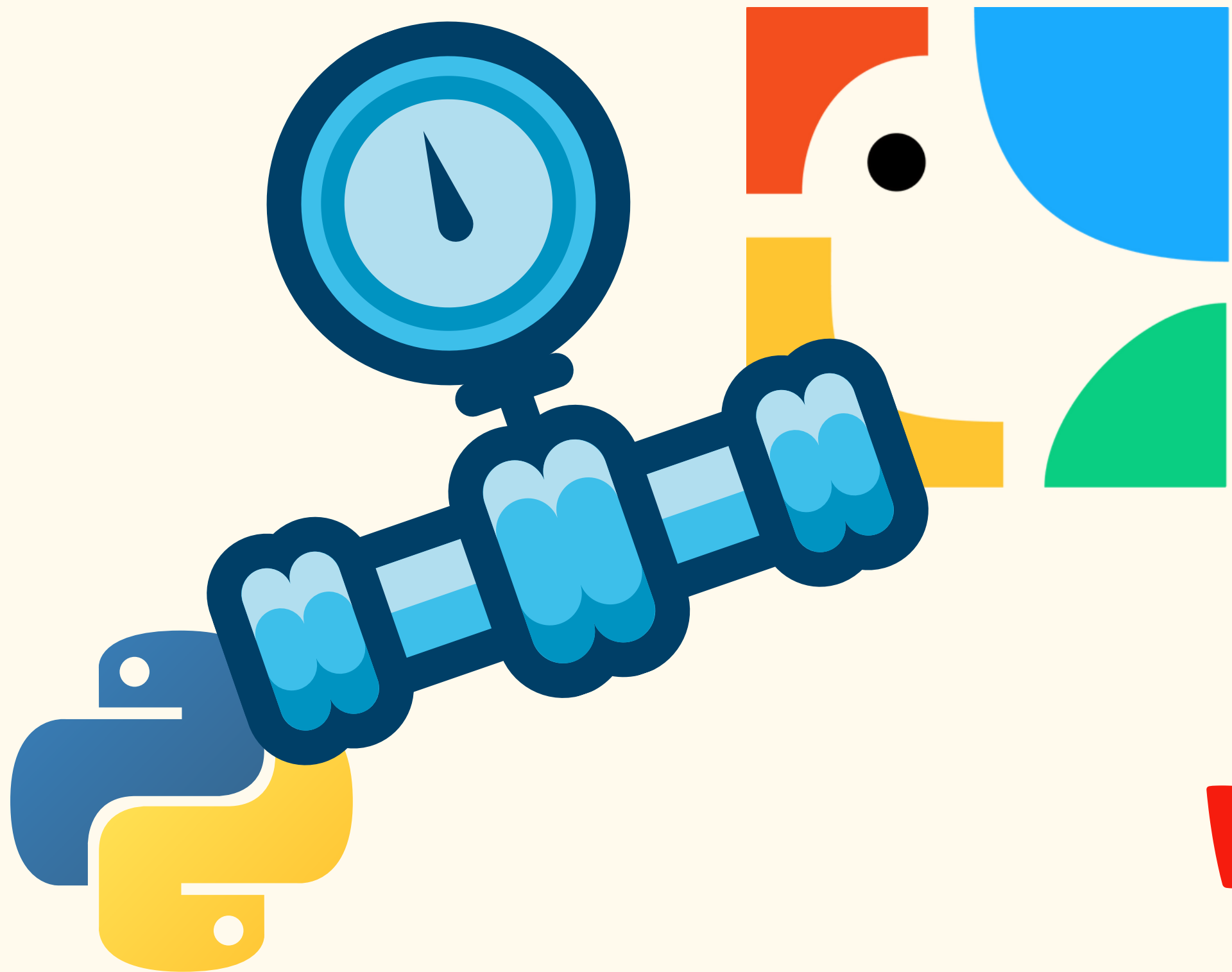


# REVOLUTIZE ML PREDICTIONS WITH TOWHEE **PIPE** MODULE



**7 NODES THAT  
AUTOMATE  
PREDICTIONS  
WITH AI MODELS**


# DIFFERENCE BETWEEN PIPE & DATACOLLECTION

- A PIPE IS COMPOSED OF SEVERAL OPERATORS INTERCONNECTED IN THE FORM OF A **DAG (DIRECTED ACYCLIC GRAPH)**. THIS DAG CAN DIRECT COMPLEX FUNCTIONALITIES, SUCH AS EMBEDDING FEATURE EXTRACTION, DATA TAGGING, AND CROSS MODAL DATA ANALYSIS.
- DATACOLLECTION API IS A METHOD-CHAINING STYLE API FOR BUILDING CUSTOM PIPELINES. A DC PIPELINE CAN BE RUN **LOCALLY ON A LAPTOP** FOR FAST PROTOTYPING AND THEN BE CONVERTED TO A DOCKER IMAGE, WITH END-TO-END OPTIMIZATIONS, FOR PRODUCTION-READY ENVIRONMENTS.


# NODES IN ACTION & PRACTICE


- MAP
- FLAT-MAP
- FILTER
- WINDOW
- TIME-WINDOW
- WINDOW ALL
- CONCAT


insightbuilder/  
**python\_de\_learners\_data**





Repo contains the code, data and supporting documents including presentations, playbooks and additional documents to support learning

 2  
Contributors

 0  
Issues

 22  
Stars


 9  
Forks



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**python\_de\_learners\_data/pipe\_module\_towhee.ipynb at main · insightbuilder/python\_de\_learners\_data**

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 GitHub

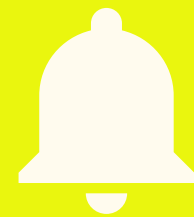
# THANKS FOR WATCHING



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