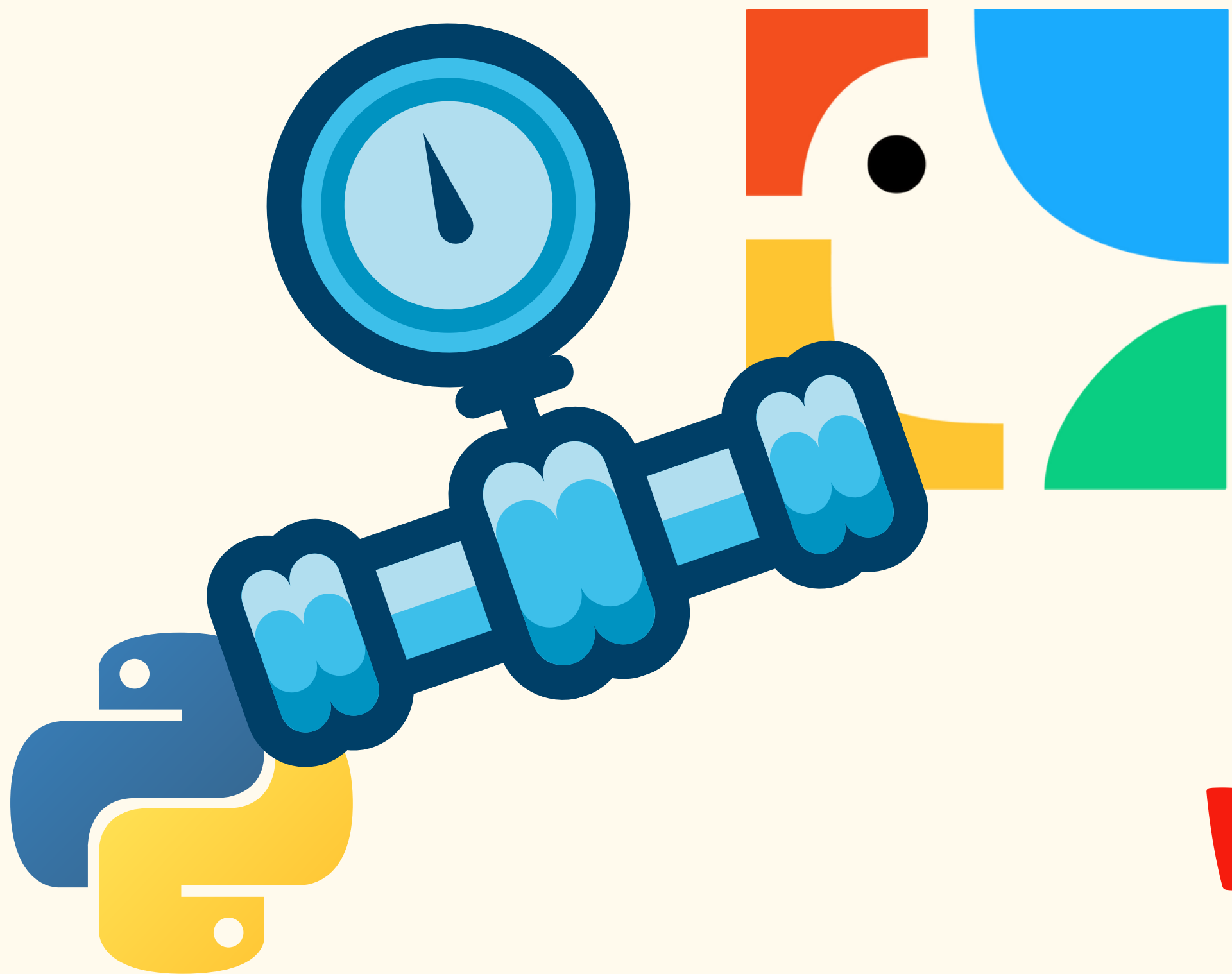


# REVOLUTIZE ML PREDICTIONS WITH TOWHEE **PIPE** MODULE

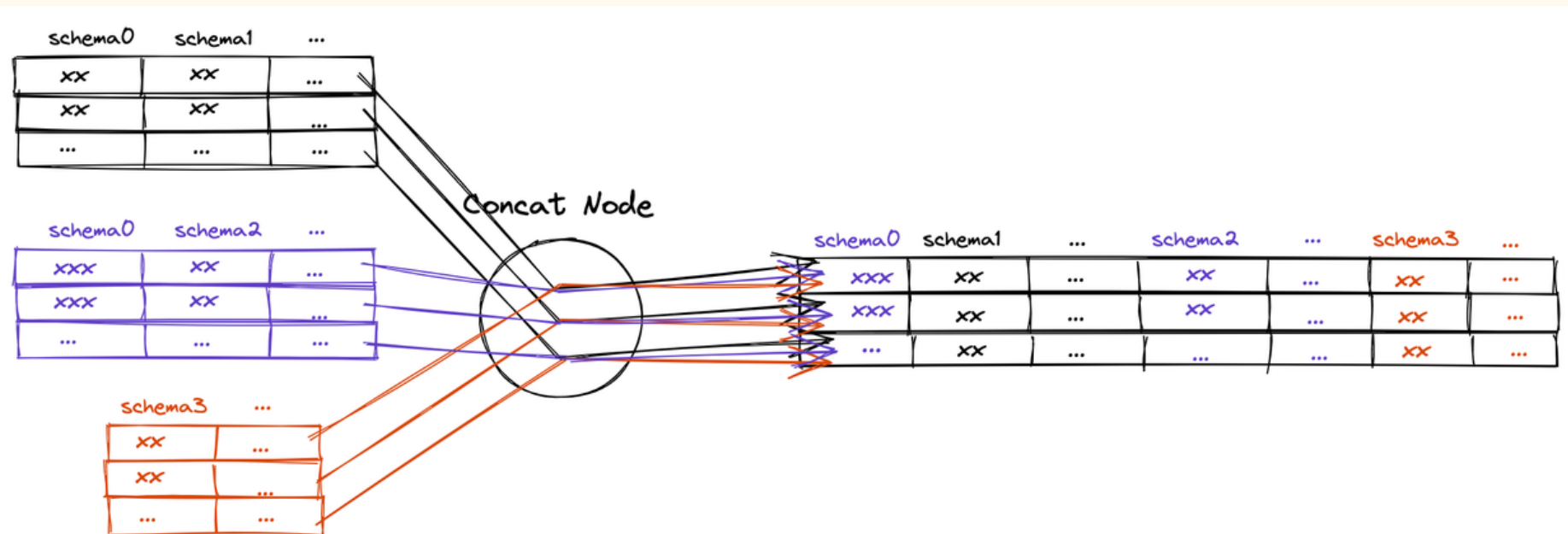
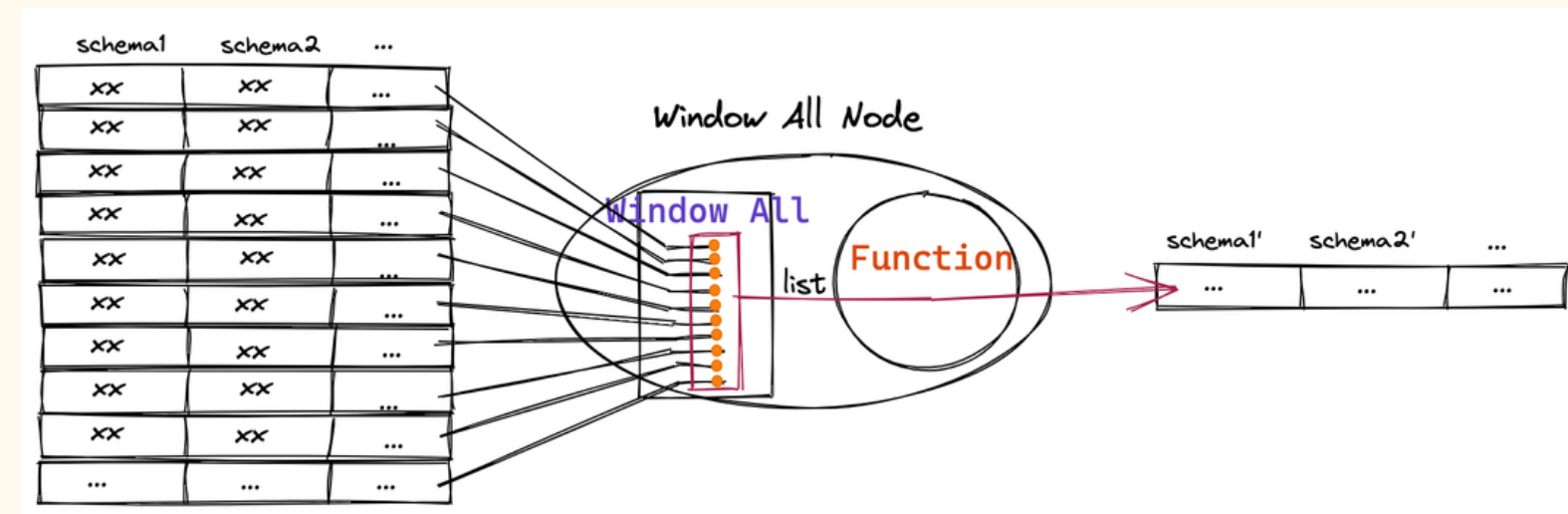
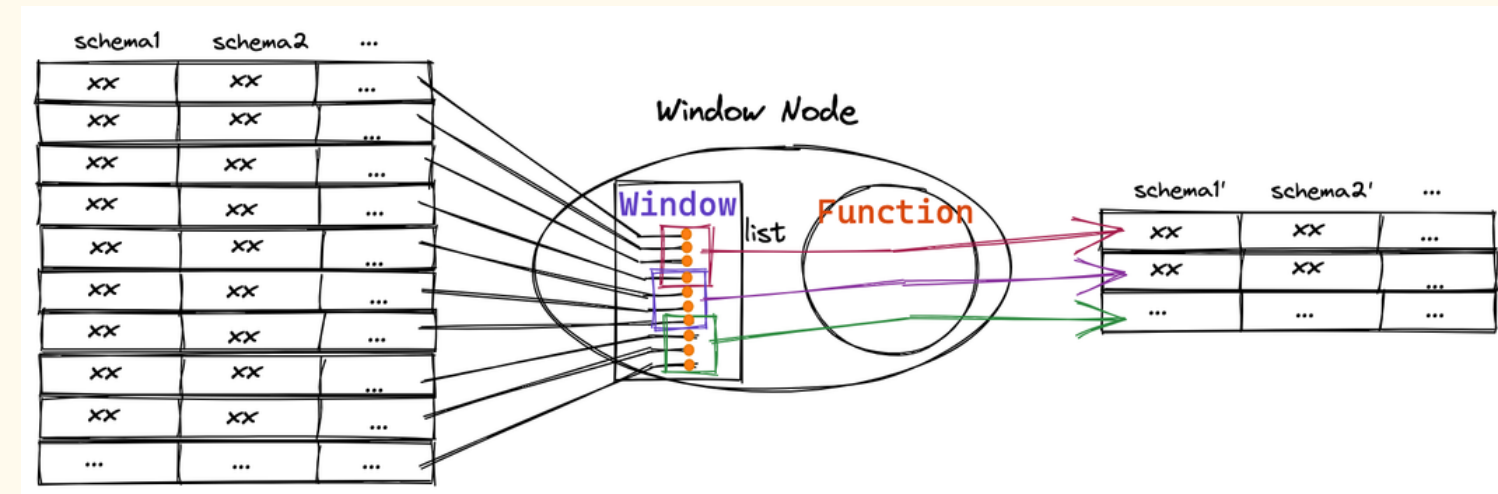
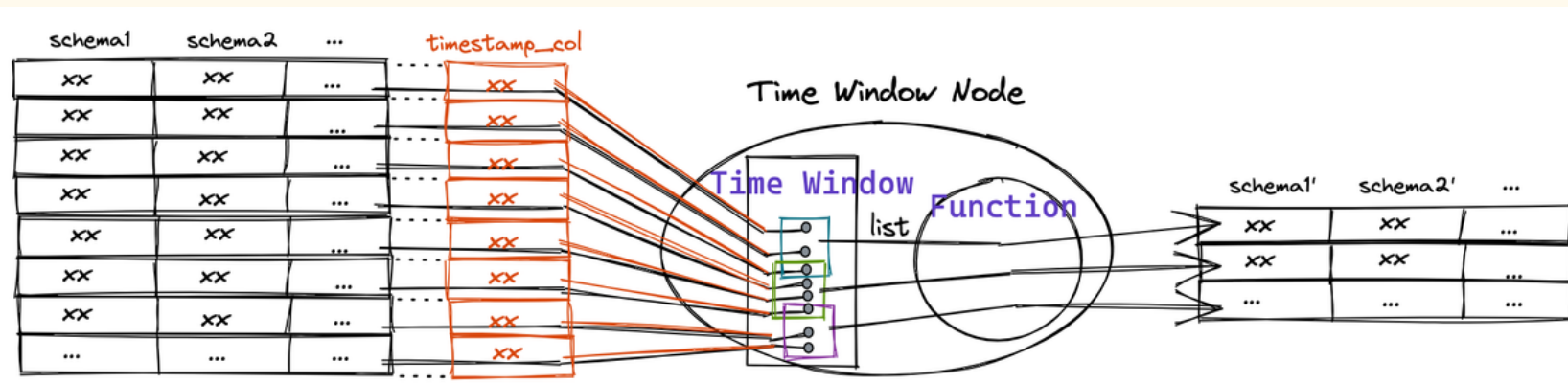
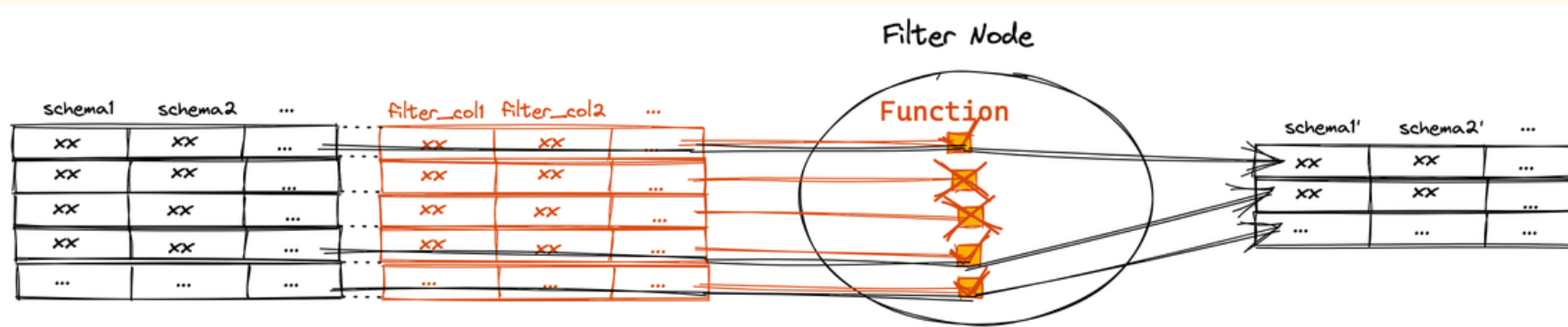
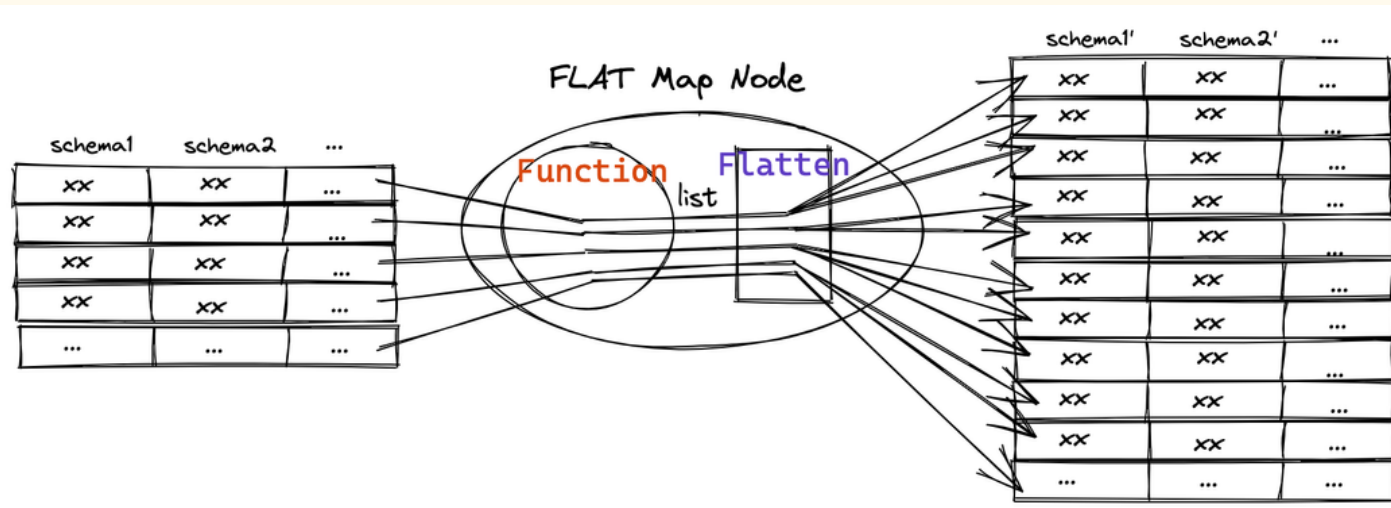
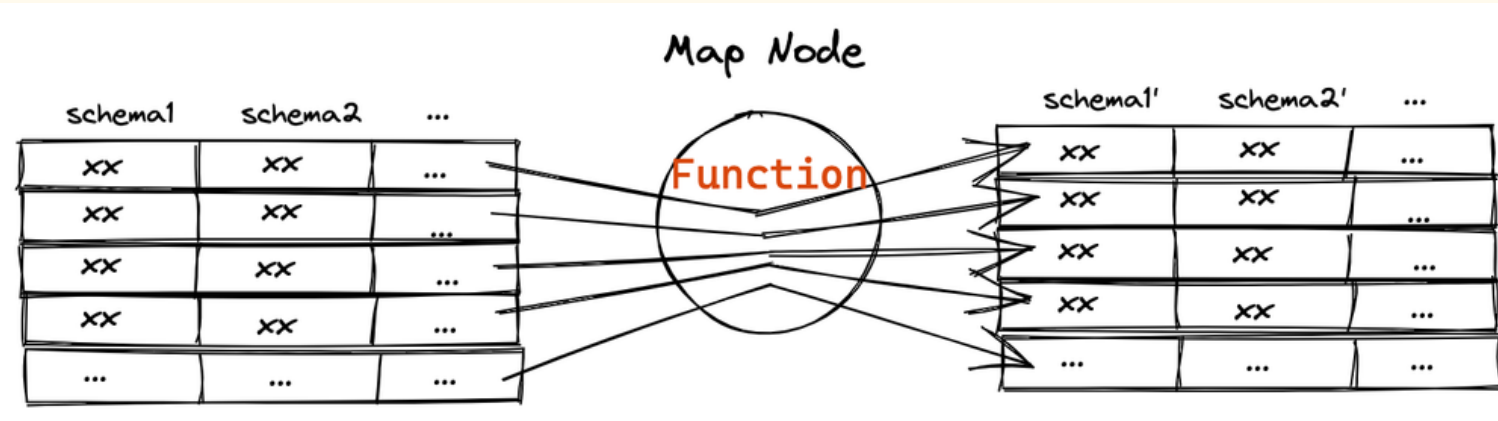


**7 NODES THAT  
AUTOMATE  
PREDICTIONS  
WITH AI MODELS**

# CHALLENGE SOLVED BY PIPE MODULE & ITS NODES

- 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



# LETS PRACTICE?

## 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



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

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## towhee-io/ examples



Analyze the unstructured data with Towhee, such as reverse image search, reverse video search, audio classification, question and answer systems,...

👤 15 Contributors  
🔍 2 Issues  
★ 114 Stars  
🍴 39 Forks



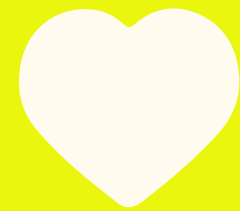
**examples/getting\_started\_with\_datacollection.ipynb at 3a2207d67b10a246fd6a1654adf173d9902c3cf8 · towhee-io/examples**

Analyze the unstructured data with Towhee, such as reverse image search, reverse video search, audio classification, question and answer systems, molecular search, etc. - examples/getting\_started\_w...

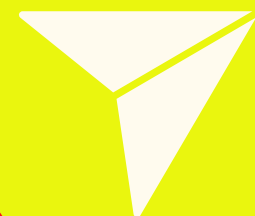
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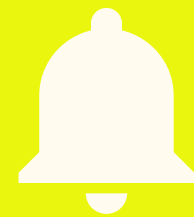
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