

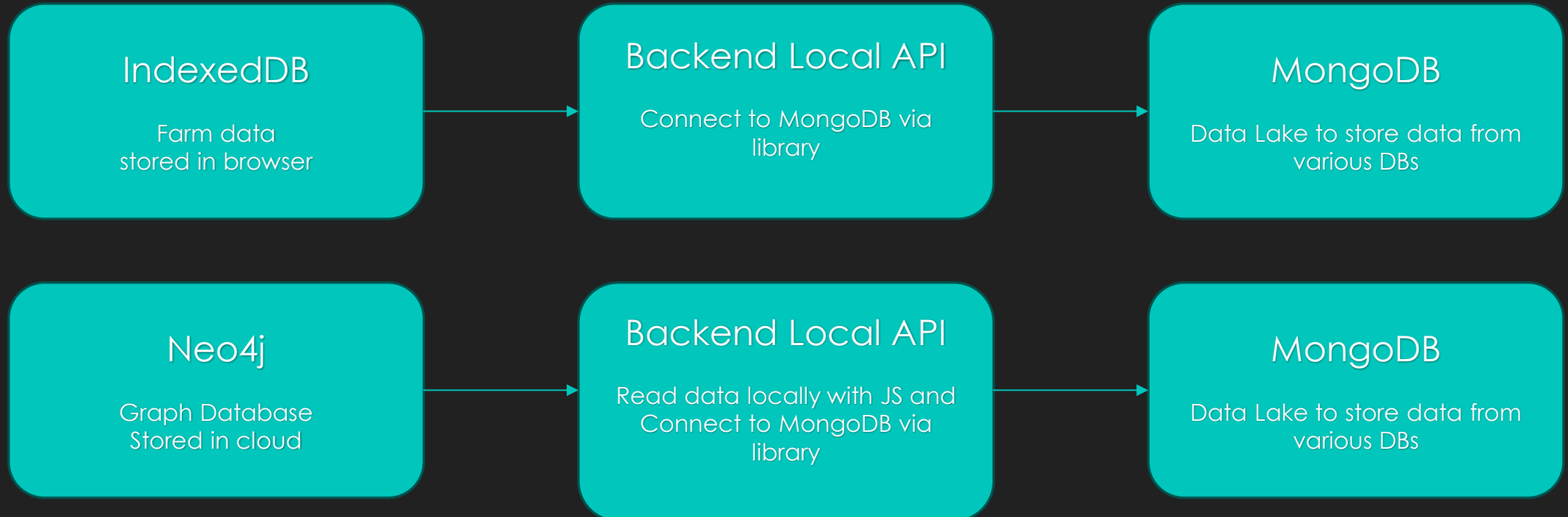
# DBMS-2

## LAB 3

Multi Source Data Lake Integration using MongoDB and source databases like IndexedDB and Neo4j.

# Architecture & Data Flow

Meta Data added: sourceDB, ingestedAt, and author



# Lessons Learned

- Metadata helps with traceability and should be added to make the data more complete.
- One API for all the DBs
- MongoDB is very flexible in ingesting all forms of data
- Transform graph data to Json formatted data using cypher queries

# Advances & Challenges

## What Worked Well?

- API Integration went well as same API was used for both the DBs.
- Metadata was used to filter data properly.
- JSON object data made it easier to understand and format it to store in mongoDB

## Challenges Faced?

- Complex querying for Graph data.
- Methods to fix bugs are different as the DBs used are also different.
- API configuration troubleshooting for CORS issues.