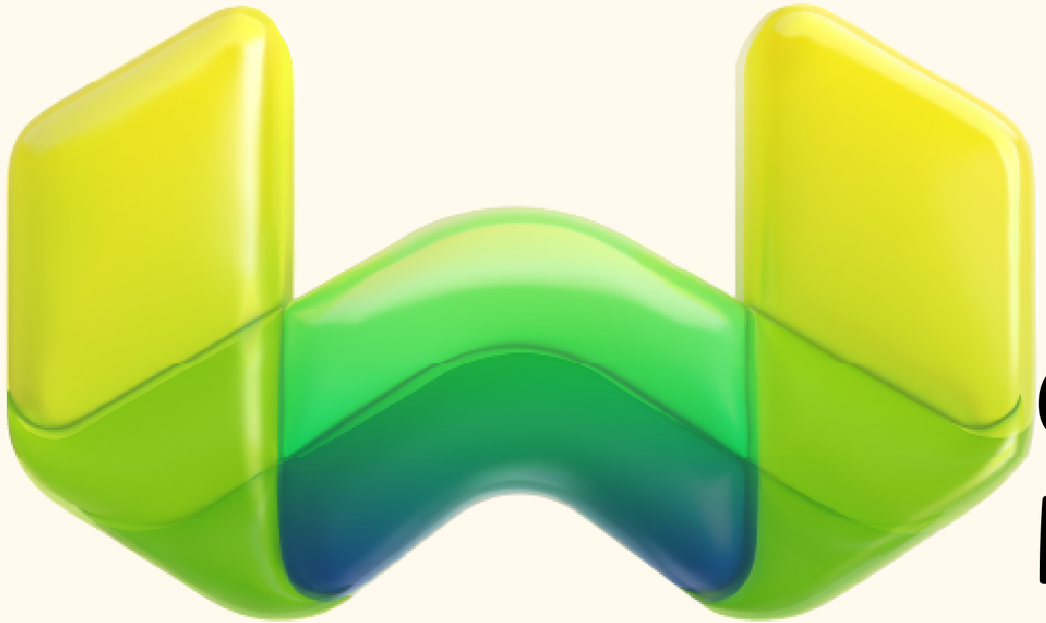
HTTPS://GITHUB.COM/INSIGHTBUILDER

WEAVIATE EXPLAINED: CONNECTING SPARK PIPELINES TO WEAVIATE



CREATING SPARK ETL PIPELINE TO WEAVIATE IN JUPYTER NOTEBOOK

CHALLENGE SOLVED : VECTOR STORAGE

1. BIGDATA IS INSIDE SPARK WAREHOUSE WHILE WEAVIATE NEEDS VECTORS TO ENABLE SEARCH
2. WEAVIATE SPARK CONNECTOR IS DEVELOPED FOR THIS PURPOSE. THE CONNECTOR MAKES THE ETL VERY SIMPLE.
3. JAVA AND SCALA DEPENDENCIES TO BE RESOLVED

IN MY CASE THE CONNECTOR IS THROWING A METHOD NOT FOUND ERROR

1. READ THE DATA INTO SPARK SESSION AND DO THE TRANSFORMATION
2. CREATE WEAVIATE INSTANCE WITH LOCAL VECTORISER TO ACT AS STORAGE

LETS PRACTICE

- WEVIATE TEAM HAS WORKED ON SPHERE DATASET.
- THE CODE WILL SHOW HOW TO LOAD THE DATASET IF THERE IS ALREADY VECTOR STORE AVAILABLE.
- WE WILL LEARN A BIT ABOUT THE FACEBOOK MODEL USED FOR VECTORISING THE SPHERE DATASETS
- BE READY TO TAKE A NEW ROUTE ANY TIME

THANKS FOR WATCHING

HTTPS://GITHUB.COM/INSIGHTBUILDER