

# YOUTUBE DATA HARVESTING AND WAREHOUSING

❖ **MAIN USING TOOLS:** *VISUAL STUDIO, POSTGRES SQL, MONGODB AND STREAMLIT*

➤ **MAJOR PART CODE:** *PYTHON*

❖ **USED SKILLS:**

*CREATE YOUTUBE API KEY,*

*COLLECT IDS FROM YOUTUBE CHANNELS,*

*ADD THE CHANNEL ID DATA IN MONGODB AS DATALAKE,*

*ARRANGE DATA TO TABLE VIEW WITH POSTGRES SQL,*

*FUNCTION CREATED IN VISUAL STUDIO WITH HELP OF PYTHON CODE,*

*CONVERT INTO DATA STRUCTURE USING DEF AND FOR LOOP METHODS IN PYTHON,*

*CREATE FINAL CODES AND VIEW PRESENTATION IN STREAMLIT,*

*INSERT TEN NO. OF QUESTION-AND-ANSWER AUTOMATIC BY ONE CLICK METHODS.*

➤ **DESCRIPTION:** *EXPLANATION FOR YOUTUBE PROJECT*

❖ **DATA USING FOR:**

*TO IMPROVE YOUR EXPERIENCE IN DATA COLLECTION.*

*GIVING MORE RELEVANT RECOMMENDATIONS AND SEARCH RESULTS.*

**THANK YOU**