**Pipeline Architecture**

**. Data Input:**

* Read 2 CSV files from CoinGecko provided by PW SKILL TEAM

**2. Preprocessing:**

* Fill missing values
* Combine datasets

**3. Feature Engineering:**

* Create 7 meaningful features from raw inputs

**4. Target Generation:**

* Label based on liquidity ratio median

**5. Modeling:**

* RandomForestClassifier trained on processed features

**6. Evaluation:**

* Accuracy, CV, ROC-AUC, confusion matrix

**7. Serialization:**

* Model saved using joblib

**8. Deployment:**

* GitHub repo with model, Streamlit app, requirements.txt
* Connected and deployed on Render