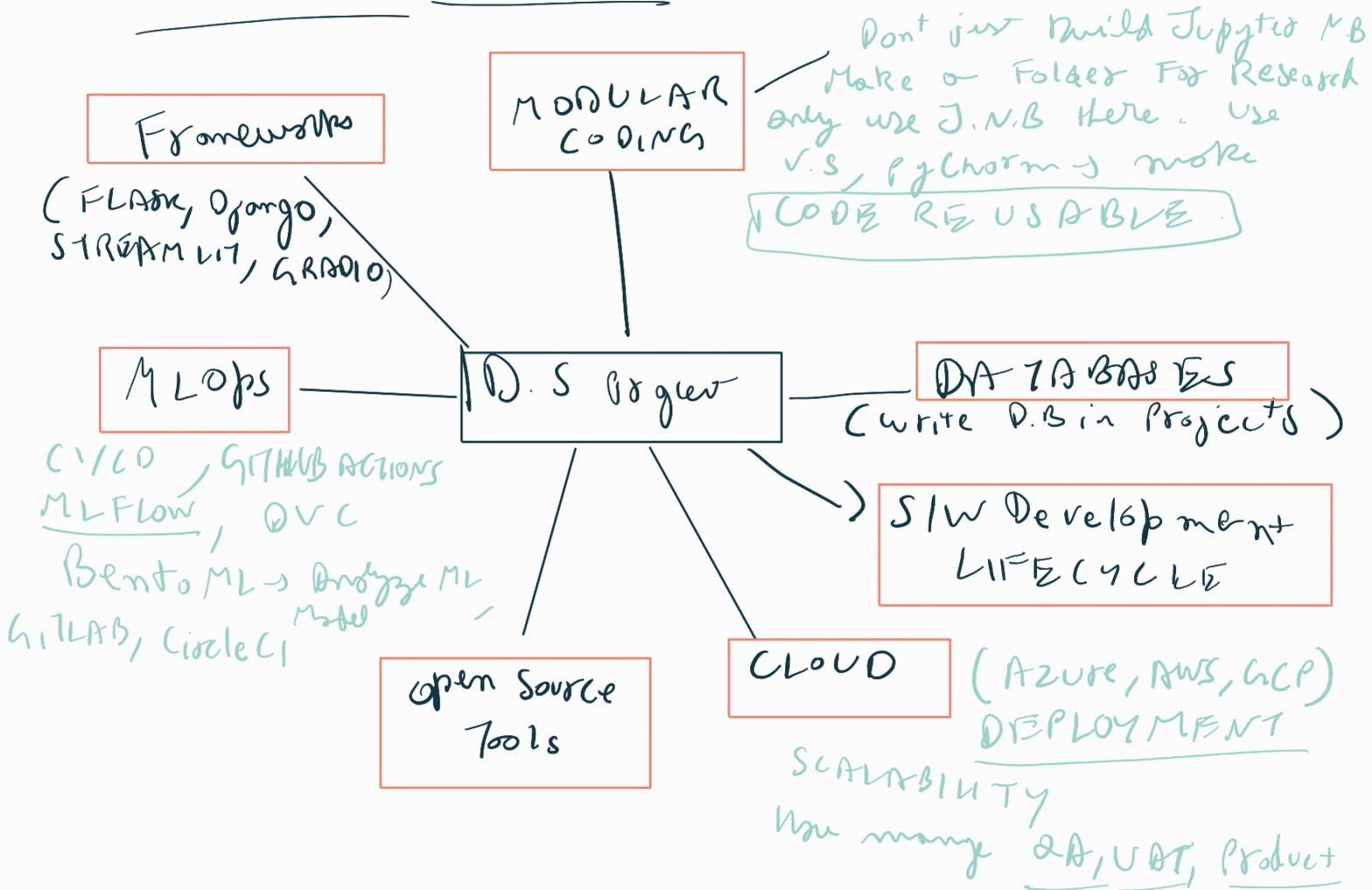


# DATA SCIENCE PROJECT



## Generative AI Project

- ① Prerequisites
- ② Skills etc

- Large Language Model (LLM)
- Large Image Model (LIM)
- Multi Model

Open Source :- Meta LLAMA 2, MISTRAL, FALCON

Paid Models :- OPEN AI, CLAUDE 2, AI 21 Lab, MISTRAL  
Google Gemini Pro

CLOUD Gen AI models

AWS → AWS BedRock → STABLE AI FUSION  
APIs (Images, voice)

FINANCING FINTECH → All open Source Models  
→ pay as you go

FRAMEWORKS → OPEN AI, LANGCHAIN

CHAINLIT, LLAMA INDEX → RAG type application  
FRONTEND → STREAMLIT, Django, react.

VECTOR DATABASES → CHROMA DB,  
CASSANDRA,  
DATA STAX

BUILD PROJECT → LLM Model,  
PINECONE → Database  
LANGCHAIN  
LLAMA INDEX  
Deployment

\*\*\* IMP

Fine Tuning Data ! - Fine tune Custom DATA  
using LLM.