STORING DATA TO DATABASE.
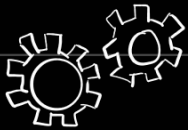
→ Create a connection with DATABASE (database.py)

→ Creak a model (type of database table) (models.py)

→ RUN API route (main.py)

→ under post → add the data

#1 CONNECTION SETUP : database.py

& 3 main steps

① Create an ENGINE

• Provide URL
(LOCATION of DATABASE)

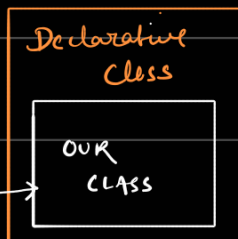② Create a Session

DATABASE

③ Create a Declarative-Base Class

TABLE

& this Base class is inherited by the custom models (table Structure that we create)

#2 MODEL/FORMAT of TABLE CREATION (MODELS.PY)

→ impart strings, Integers, Colum (from SQL alchemy)

→ Creak a Class

Declarative Class

OUR CLASS

#3 Main.py

name of the model class created in MODELS.PY

&

create a database → models. _____ . metadata . createall (engine)

⇒) Function to launch session ⇒)

```
def get_db():
    db = SessionLocal()   ~> Instance of the session
    try:
        yield db  (start session)
    finally:
        db.close   (slop the session)
```

4 step farm to store data

① make instance of the model.

y:- new_blog = models.Blog(ARGUMENTS)

② ADD the instance of type model to databose.

db.add (new_blog)

③ Commit the transaction to save it

db.commit()

④ Refresh the databose

db. refresh (new_blog)