**🚗 Parking Predictor – Developer Cheatsheet**

A handy reference for common project commands.

**🏁 Run the API locally**

uvicorn src.api:app --reload

* Starts the FastAPI server at http://127.0.0.1:8000
* Automatically reloads on file changes

**📤 Git Push Workflow**

git add . && git commit -m "Your commit message" && git push

**🔄 Mongo Uploads**

**Upload prediction data:**

python src/upload\_dynamic\_to\_mongo.py

**Upload static metadata:**

python src/upload\_static\_to\_mongo.py

**🧪 Testing from terminal**

Run custom test scripts:

python tests/test\_group\_data\_by\_lot.py

python tests/query\_test.py

**🔍 Optional: View Git Log**

git log

# press q to quit

**📦 Export flattened data (locally)**

python src/group\_data\_by\_lot.py

* Saves output to:
  + data/output/hourly\_predictions.json
  + data/output/lots\_static.json

*Add more commands here as needed over time.*

<https://parking-predictor.onrender.com/availability?weekday=WEEKDAY&hour=HOUR>

<https://parking-predictor.onrender.com/availability?weekday=friday&hour=13>

<https://parking-predictor.onrender.com/prediction?lot_id=31&weekday=friday&hour=15>

<https://parking-predictor.onrender.com/lots>