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DJANGO UNCHAINED



ROADMAP

1 **GIT/CLI recap**

3 **Modules inside Django**

2 **What is Django?**

4 **Tiny application**

Frequently used commands-

- **Git clone <repo url>**
- **Git add <file name>**
- **Git commit -m <message>**
- **Git push**
- **Git branch <branch name>**
- **mkdir**
- **cd**
- **ls**
- **pwd**

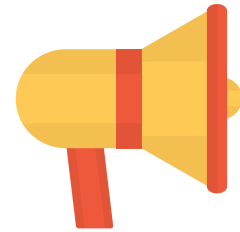
LET THE PARTY BEGIN %

Code shots on me !



WHAT IS DJANGO?

What's the buzz?



Django is a free and open source web application framework written in Python. A framework is nothing more than a collection of modules that make development easier. They are grouped together, and allow you to create applications or websites from an existing source, instead of from scratch.

DJANGO PROJECT STRUCTURE

```
[(env) Sayantikas-MacBook-Air:recieptDate sayantikabanik$ tree -d
.
├── extractdate
│   ├── __pycache__
│   └── migrations
│       └── __pycache__
└── recieptDate
    └── __pycache__

6 directories
(env) Sayantikas-MacBook-Air:recieptDate sayantikabanik$
```

receiptdate-project
extractdate-app

```
db.sqlite3
extractdate
__init__.py
__pycache__
__init__.cpython-37.pyc
admin.cpython-37.pyc
models.cpython-37.pyc
urls.cpython-37.pyc
views.cpython-37.pyc
admin.py
apps.py
migrations
__init__.py
__pycache__
__init__.cpython-37.pyc
models.py
tests.py
urls.py
views.py
manage.py
recieptDate
__init__.py
__pycache__
__init__.cpython-37.pyc
settings.cpython-37.pyc
urls.cpython-37.pyc
wsgi.cpython-37.pyc
settings.py
urls.py
wsgi.py
some_image1.jpeg
```

```
6 directories, 26 files
```

```
(env) Sayantikas-MacBook-Air:recieptDate sayantikabanik$
```

VARIOUS MODULES IN DJANGO

Fire up !

Creating virtual
env

installing django

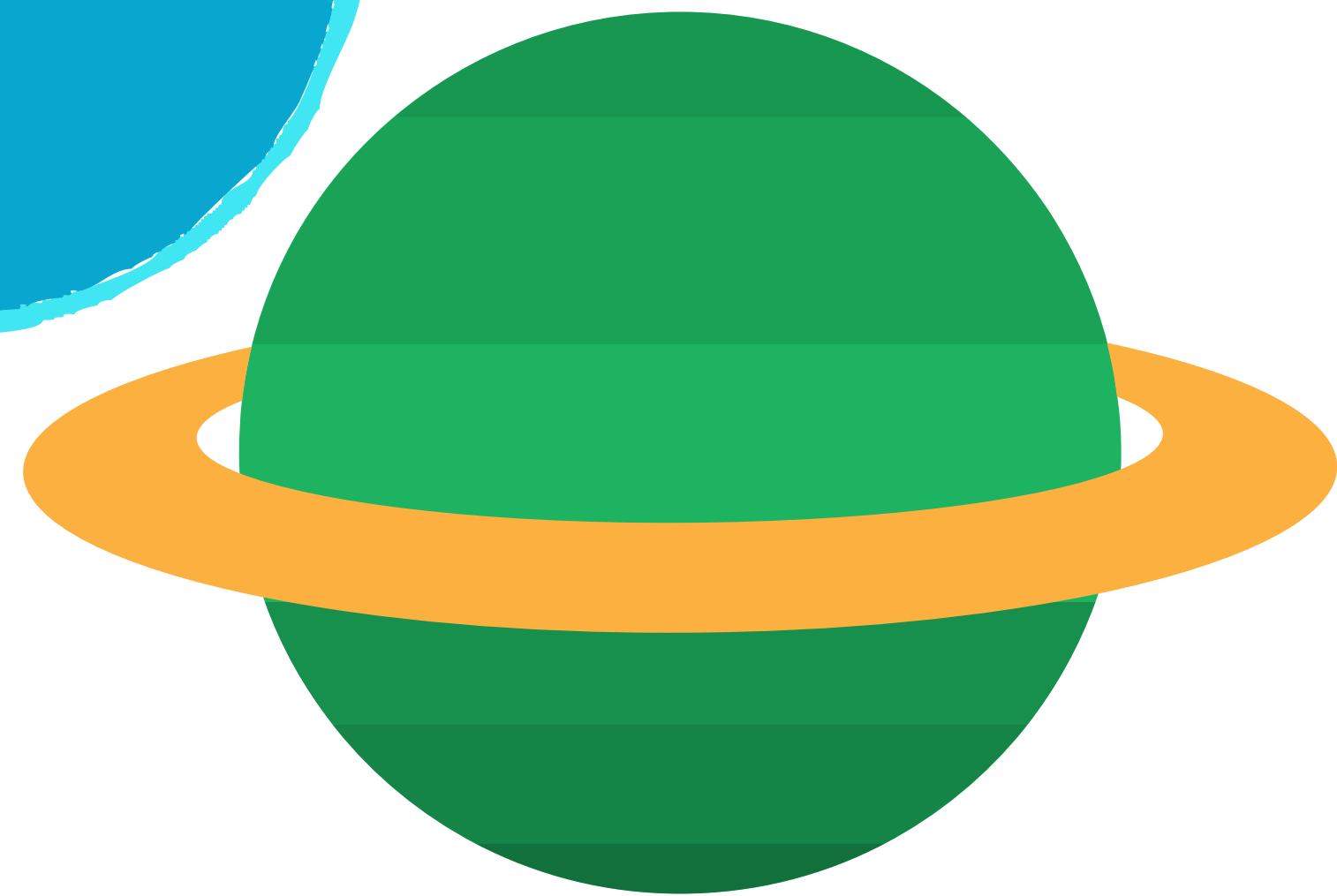
Creating your
first app





HAND'S ON

Solarsystem app



Q&A



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