Running Django on https:

The default webserver provided by Django is not suitable for production. Hence in production mode we need to choose suitable webservers like uvicorn.

Run the uvicorn on http:

uvicorn main:app --reload --port 8000

To run uvicorn with https, a certificate and a private key are required.

Run the uvicorn on https:

$ uvicorn main:app --port 5000 --ssl-keyfile=./key.pem --ssl-certfile=./cert.pem

Another way is to use proxy servers like nginx.

We can run the Django on http or https, and nginx will be configured to run on https and every request will come to nginx and nginx will redirect the request to Django.

Another way is to use runsslserver package:

$ python manage.py runsslserver --certificate /path/to/certificate.crt --key /path/to/key.key