Learn Django, a Python web framework, in this full course. The course also covers pandas, matplotlib, JavaScript, ajax, xhtml2pdf, dropzone.js, and more! You will learn about:

➜ django concepts (models, views, templates, signals and more!)

➜ pandas dataframes

➜ matplotlib and seaborn integration

➜ pdf integration

➜ javascript ajax integration

➜ dropzone js for csv files

➜ working with base64

➜ and more!

✏️ Course developed by Pyplane. Check out their channel: [https://www.youtube.com/channel/UCQtH...](https://www.youtube.com/channel/UCQtHyVB4O4Nwy1ff5qQnyRw)

💻 Source code and starter files: [https://blog.pyplane.com/blog/django-...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqa0hSNEp0Wkp4ZWdqSTJZYzNvak9kcjlXU3RtQXxBQ3Jtc0trWklLX25EWTNlZHN1bnpSbGwtQkwyd3QyX0dRak92aGxfRGpQTmZ6YXl3TXRTa3lFdndFUDFTVHZGYURGZW9qSnowSjZBMHhLdjUwSGNhYzJERjJjWmJsRHVHOGRjNkEtM1Ayc2lJeFVveU9abnY0VQ&q=https%3A%2F%2Fblog.pyplane.com%2Fblog%2Fdjango-report-app%2F)

## Journal/Outline

00 ([0:00:00](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=0s)​) intro

01 ([0:03:35](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=215s)​) django project setup part 1

02 ([0:09:56](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=596s)​) django project setup part 2

03 ([0:15:11](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=911s)​) django project setup part 3

04 ([0:25:21](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=1521s)​) customer model

05 ([0:30:49](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=1849s)​) product model

06 ([0:36:30](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=2190s)​) profile model + post\_save signal

07 ([0:48:14](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=2894s)​) sale model

08 ([1:12:05](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=4325s)​) m2m\_changed signal

09 ([1:19:15](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=4755s)​) reports model

10 ([1:24:14](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=5054s)​) first view and template

11 ([1:33:25](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=5605s)​) working on the sales list

12 ([1:39:58](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=5998s)​) navigating to the detail page

13 ([1:49:27](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=6567s)​) creating the search form

14 ([1:58:15](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=7095s)​) get the data from the search form

>N: ⌨️ ([2:01:08](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=7268s)​) first querysets and dataframes

⌨️ ([2:17:05](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=8225s)​) display dataframes in the templates

⌨️ ([2:24:04](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=8644s)​) dataframe for the positions

⌨️ ([2:32:47](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=9167s)​) get the sales id for position objects

⌨️ ([2:38:00](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=9480s)​) the apply function

⌨️ ([2:49:01](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=10141s)​) merge dataframes

⌨️ ([2:54:57](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=10497s)​) perform groupby

⌨️ ([2:58:12](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=10692s)​) working on the charts part 1

⌨️ ([3:02:58](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=10978s)​) working on the charts part 2

⌨️ ([3:17:18](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=11838s)​) hello world from the console

⌨️ ([3:21:29](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=12089s)​) adding the modal

⌨️ ([3:29:04](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=12544s)​) add the report form to the modal

⌨️ ([3:35:45](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=12945s)​) add the 'results by' field

⌨️ ([3:50:02](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=13802s)​) no data available alert

⌨️ ([3:53:51](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=14031s)​) add the chart to the modal

⌨️ ([3:58:48](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=14328s)​) create report objects

⌨️ ([4:28:46](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=16126s)​) adding alerts to the modal

⌨️ ([4:33:27](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=16407s)​) report list and detail page

⌨️ ([4:41:35](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=16895s)​) working on the report list

⌨️ ([4:47:43](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=17263s)​) working on the report detail

⌨️ ([4:51:33](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=17493s)​) first pdf

⌨️ ([4:58:13](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=17893s)​) the report pdf

⌨️ ([5:04:19](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=18259s)​) add dropzone + favicon

⌨️ ([5:07:30](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=18450s)​) working on the dropzone js part 1

⌨️ ([5:17:01](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=19021s)​) working on the dropzone js part 2

⌨️ ([5:23:52](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=19432s)​) uploading csvs

⌨️ ([5:35:45](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=20145s)​) first objects from file

⌨️ ([5:49:27](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=20967s)​) improving the dropzone

⌨️ ([5:56:15](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=21375s)​) dropzone js final touches

⌨️ ([6:04:03](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=21843s)​) adding my profile

⌨️ ([6:09:42](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=22182s)​) working on my profile

⌨️ ([6:17:06](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=22626s)​) authentication

⌨️ ([6:31:14](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=23474s)​) protecting the views

⌨️ ([6:36:17](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=23777s)​) adding the navbar

⌨️ ([6:49:03](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=24543s)​) the forgotten sale detail page

⌨️ ([6:57:06](https://www.youtube.com/watch?v=04L0BbAcCpQ&t=25026s)​) outro + next steps

🎉 Thanks to our Champion supporters: 👾 Otis Morgan 👾 DeezMaster 👾 Katia Moran

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