"The data scientist performed four tasks, all involving the execution of a Python script in a Python 3.11 environment, located in the "/home/pr/venv/bin/python3" directory.

1. The first task was executed with the command "/home/pr/venv/bin/python3 train_model.py --learning_rate 0.1". The script read data from the file "/home/pr/exp2/data.csv" and wrote the trained model to the file "/home/pr/exp2/model_1.ckpt". Several Python libraries were loaded, including numpy and pandas, from the "/pr/venv/lib/python3.11/site-packages/" directory.
2. The second task was executed with the command "/home/pr/venv/bin/python3 train_model.py --learning_rate 0.01". The script read data from the same file "/home/pr/exp2/data.csv" and wrote the trained model to a different file "/home/pr/exp2/model_2.ckpt". The same Python libraries were loaded as in the first task.
3. The third task was executed with the command "/home/pr/venv/bin/python3 train_model.py --learning_rate 0.001". The script read data from the same file "/home/pr/exp2/data.csv" and wrote the trained model to a different file "/home/pr/exp2/model_3.ckpt". The same Python libraries were loaded as in the previous tasks.
4. The fourth task was executed with the command "/home/pr/venv/bin/python3 evaluate_models.py". The script read the trained models from the files "/home/pr/exp2/model_1.ckpt", "/home/pr/exp2/model_2.ckpt", and "/home/pr/exp2/model_3.ckpt". The same Python libraries were loaded as in the previous tasks.

To reproduce these tasks, the same Python environment and libraries should be used, and the "train_model.py" and "evaluate_models.py" scripts should be executed with the specified learning rates. The data should be read from the "data.csv" file, and the trained models should be saved to the "model_1.ckpt", "model_2.ckpt", and "model_3.ckpt" files, respectively. The models should then be read from these files for evaluation."