MLflow experiment logs with different runs and their results.

Run - experiment.py , with different parameters , all required files are in folder

"mlruns: for 3 params

```
# params = {'C': 1.0, 'penalty': 'l2'}
# params = {'C': 0.1, 'penalty': 'l1'}
# params = {'C': 10.0, 'penalty': 'l2'}
```

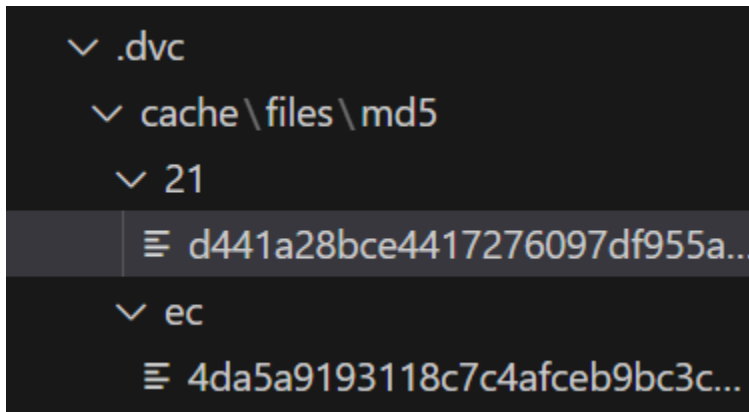**A DVC repository showing different versions of the dataset.**

1) **Pip install dvc**

2) **Run python -m dvc init --no-scm**

   .dvc folder will be created

   .dvcignore file will be created

3) **python -m dvc add iris.csv**

```
PS D:\MLProjects\BITS\MLOPs\my_ml_project> python -m dvc add iris.csv
● 100% Adding...|                                                    |1/1 [00:00, 7.84file/s]
○ PS D:\MLProjects\BITS\MLOPs\my_ml_project>
```

   Itis.csv.dvc file will be created

```
 iris.csv.dvc  ✕

my_ml_project >  iris.csv.dvc
   1    outs:
   2    - md5: 21d441a28bce4417276097df955afc50
   3      size: 2928
   4      hash: md5
   5      path: iris.csv
   6
```

4) Make changes in the 2nd line and run - python -m dvc commit

> .dvc
  > cache\files\md5
    > 21
      ☰ d441a28bce4417276097df955a...
    > ec
      ☰ 4da5a9193118c7c4afceb9bc3c...

5) Revert to a previous version

python -m dvc checkout HEAD~1 iris.csv