DVC Training Batch - Daily Workflow Cheat Sheet

```
Project Paths:
- Project folder: C:\path\to\your\project\DVC
- Data folder: Training_Batch
- DVC storage folder: C:\path\to\your\dvc-storage
```

1■■ Initialize Git & DVC (once per project)

```
git init
dvc init
git add .dvc .dvcignore
git commit -m "Initialize DVC"
```

2■■ Create DVC storage folder (once)

```
mkdir "C:\path\to\your\dvc-storage"
```

3■■ Register DVC storage

```
dvc remote add -d local "C:\path\to\your\dvc-storage"
git add .dvc/config
git commit -m "Configure local DVC storage"
```

```
Verify:
dvc remote list
```

4■■ Track your data folder

```
dvc add "Training_Batch"
git add "Training_Batch.dvc" .gitignore
git commit -m "Add Training_Batch data"
```

5■■ Push data to DVC storage

```
dvc push
```

6■■ Delete a file and update DVC

```
del "Training_Batch\example.parquet"  # or delete manually
dvc add "Training_Batch"
git add "Training_Batch.dvc"
git commit -m "Delete example.parquet from Training_Batch"
dvc push
```

7■■ Restore a deleted file or entire folder

```
Restore latest version:
dvc checkout
```

```
Restore a specific previous version:
git log --oneline
git checkout <commit-hash>
dvc checkout
```

```
Return to latest commit:
git checkout main
dvc checkout
```

8■■ Update with new data

```
dvc add "Training_Batch"
git add "Training_Batch.dvc"
git commit -m "Add new data to Training_Batch"
dvc push
```

```
Tips:
- Always use quotes around folder paths with spaces
- dvc checkout restores files according to the current commit
- DVC storage keeps old versions until you run dvc gc
```