```python
@hydra.main(version_base="1.3.1", config_path="conf", config_name="config")
def main(cfg: DictConfig) -> float:
    mlflow.set_tracking_uri(os.path.join(os.path.dirname(__file__), "../mlruns"))
    mlflow.set_experiment(cfg.general.runname)

    X_train, y_train = load_data(cfg.data.train_path)
    X_test, y_test = load_data(cfg.data.test_path)
    test_ids = X_test["id"].copy()

    cv = instantiate(cfg.cv)
    feature_generator = instantiate(cfg.feature_generator)
    metric = instantiate(cfg.metric)

    with mlflow.start_run() as cur_mlflow_run:
        log_params_from_omegaconf_dict(cfg)
        train_scores = []
        val_scores = []

        for train_idxs, val_idxs in cv.split(X_train, X_train["product_type"]): …

        train_score = np.mean(train_scores)
        val_score = np.mean(val_scores)
        mlflow.log_metric("train_metric", train_score)
        for i, cv_value in enumerate(val_scores): …
        mlflow.log_metric("val_metric", val_score)
```

Hydra

MLflow