```
main.py
# Load config.yaml with hydra
@hydra.main(config_name='config')
def go(config):
   # Set project and experiment for all components
    os.environ["WANDB_PROJECT"] = config["project_name"]
    os.environ["WANDB_RUN_GROUP"] = config["experiment_name"]
    root_path = hydra.utils.get_original_cwd()
    _ = mlflow.run(
        os.path.join(root_path, "component_1"),
        "main",
        parameters={
            "param_1": config["component_1"]["param_1"],
            "param_2": "value_2"
        }
    )
     = mlflow.run(
        os.path.join(root_path, "component_2"),
        "main",
                                                             config.yaml
        parameters={...}
    )
                                                  project_name: "my_project"
experiment_name: "dev"
if __name__ == "__main__":
    go()
                                                  component_1:
param_1: "value_1"
component 1/run.py
def go(args):
    # Start new run
    with wandb.init(...) as run:
        # Downloaded needed artifacts
        artifact = run.use_artifact(...)
        artifact_path = artifact.file()
        df = pd.read_parquet(artifact_path)
        # Do the WORK: The real component functionality
        # Upload any generated artifact(s)
        artifact = wandb.Artifact(...)
        artifact.add file(...) # or .add dir(...)
        run.log artifact(artifact)
    _name__ == "__main__":
    # Parse arguments
    parser = argparse.ArgumentParser(...)
    parser.add_argument("--param_1", ...)
    parser.add_argument("--param_2"
                                               component 1/MLproject
    args = parser.parse_args()
                                  name: component_1
    go(args)
                                  conda_env: conda.yml
                                  entry_points:
                                    main:
                                      parameters:
                                        param_1:
                                          description: description
                                           type: str
                                        param 2:
                                      command: >-
                                        python run.py --param_1 {param_1} \
                                                       --param_2 {param_2}
```