How to push a repository from PC to GitHub

**1. on GitHub:**

queenqueen89 / **project** # (1) create a repository on GitHub, copy the URL

**2. on the Terminal:**

cd Desktop

mkdir **project**

cd **project** # (2) create a directory on PC

git init # (3) create a repository on PC / after finish step (4)

mkdir **data code results** # (4) create subdirectories and files on PC

echo **“name, age, educ, health**

**John, 34, 12, 3**

**Levis, 28, 18, 5**

**Diana, 30, 16, 4”** |tee **data/data.csv** # (i) create csv data

echo **“library(wooldridge)**

**data(alcohol)**

**ls(alcohol)**

**head(alcohol)”** | tee **code/code.R** # (ii) create R code

echo **“alcohol has negative effect on health”** | tee **results/results.txt** # (iii) create results

git add **code/code.R** # (5) add files in the repository (specified)

(git add -A # add files in the repository (all))

git commit -m **“add files”** # (6) commit files in the repository

git remote add origin **https://github.com/queenqueen89/project.git**

git push origin master # (7) push files on GitHub

git pull origin master # (8) track changes on GitHub

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Make changes on GitHub --- Track changes on Terminal

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**3. on GitHub**

delete **code.R** # on PC, no file is deleted

**4. on the Terminal**

git push origin master # on PC, the file is deleted too

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Make changes on Terminal --- Track changes on GitHub

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**5. on the Terminal**

rm results.txt

git add -A

git commit -m “deleted results”

git push origin master

git pull origin master # on GitHub, the file is deleted too

How to clone a repository from GitHub to PC

**1. on the Terminal:**

cd Desktop

git clone https://github.com/queenqueen89/project.git