# Hadoop Assignment 2: Pig

Name: Chris van Roode

Studentnumber: 627687

Github: <https://github.com/CBvR/Hadoop_Assignments>

## Setup

Have a virtual machine installed with Hadoop and a working Pig installation

Make sure to include the orders.csv file in the following folder:

* /user/maria\_dev/diplomacy

Have the code.pig script in Pig View

## Execution

To execute the Pig file, go to the Pig view.

In here, select code.pig and execute it with a push of a button

## Github

code.pig

* Code file which results in a list of all the locations which targeted Holland

Chris\_vanRoode\_Hadoop\_Assignment2\_documentation.docx

* This file, where the assignment is substituted

Results.docx

* A list of the results that followed after running the code

## Result

((Adriatic Sea,Holland),1)

((Aegean Sea,Holland),5)

((Albania,Holland),1)

((Armenia,Holland),1)

((Baltic Sea,Holland),326)

((Barents Sea,Holland),38)

((Belgium,Holland),35134)

((Berlin,Holland),1282)

((Black Sea,Holland),3)

((Bohemia,Holland),5)

((Brest,Holland),32)

((Budapest,Holland),1)

((Bulgaria,Holland),2)

((Burgundy,Holland),1153)

((Clyde,Holland),19)

((Constantinople,Holland),4)

((Denmark,Holland),4051)

((Eastern Mediterranean,Holland),4)

((Edinburgh,Holland),3023)

((English Channel,Holland),1231)

((Finland,Holland),2)

((Galicia,Holland),1)

((Gascony,Holland),6)

((Greece,Holland),3)

((Gulf of Bothnia,Holland),2)

((Gulf of Lyons,Holland),3)

((Helgoland Bight,Holland),9107)

((Holland,Holland),325)

((Ionian Sea,Holland),11)

((Kiel,Holland),44658)

((Liverpool,Holland),90)

((Livonia,Holland),2)

((London,Holland),3519)

((Marseilles,Holland),2)

((Mid-Atlantic Ocean,Holland),30)

((Moscow,Holland),2)

((Munich,Holland),2297)

((Naples,Holland),1)

((North Africa,Holland),1)

((North Sea,Holland),16250)

((Norway,Holland),740)

((Norwegian Sea,Holland),233)

((Paris,Holland),10)

((Picardy,Holland),501)

((Portugal,Holland),5)

((Prussia,Holland),8)

((Rome,Holland),3)

((Ruhr,Holland),22142)

((Rumania,Holland),2)

((Serbia,Holland),4)

((Silesia,Holland),4)

((Skagerrack,Holland),164)

((Smyrna,Holland),1)

((Spain,Holland),5)

((Spain (South Coast),Holland),1)

((St. Petersburg,Holland),24)

((St. Petersburg (North Coast),Holland),10)

((Sweden,Holland),73)

((Syria,Holland),1)

((Tunis,Holland),2)

((Tyrolia,Holland),4)

((Tyrrhenian Sea,Holland),11)

((Venice,Holland),2)

((Vienna,Holland),2)

((Wales,Holland),37)

((Warsaw,Holland),1)

((Western Mediterranean,Holland),13)

((Yorkshire,Holland),2882)