VI13 - Information Visualization

Data visualization class at Instituto Superior de Técnico Lisbon.

Dataset

RAW datasets are available at data.europa.eu. However only for the years 2009 - 2014. The latest 2013-14 dataset is available here.

The 2013/2014 dataset consists of $272\ 497$ records and contains the following columns:

Action, CallYear, ProjectNumber, MobilityID, SendingCountry, ReceivingCountry, MobilityType

Whole description of dataset and each attribute can be obtained from European Open Data Portal. The dataset contains an entry for each student participating in the Erasmus+ programme. Length of the stay can be calculated from *Start-Date* and *EndDate* as well as *DurationInMonths* and *DurationInDays* columns.

The dataset contains information about the sending and receiving institution (SendingPartnerErasmusID, SendingPartnerName, HostingPartnerErasmusID, HostingPartnerName, HostingPartnerCountry, HostingPartnerCity), the area of studies (SubjectAreaCode, SubjectAreaName), sending and receiving country code (SendingCountry, ReceivingCountry), information about the degree (LevelOfStudy) as well as participant's gender (ParticipantGender), language (Language) and identification whether the participant requires any special needs (SpecialNeeds). City of the sending institution is not available however should be obtainable from other dataset which maps the code to the institution.

Dataset Sample

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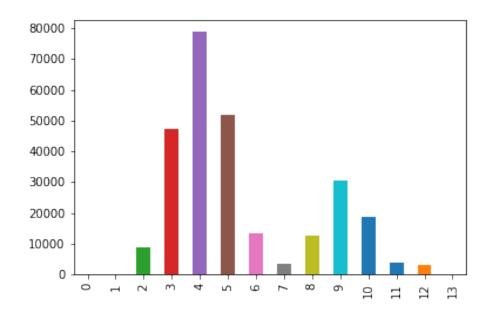
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Data exploration

DurationInMonths and DurationInDays

Length of the stay during the mobility. First graph shows the length of stay in months and the second one length of stay in days.



 $Figure \ 1: \ months$

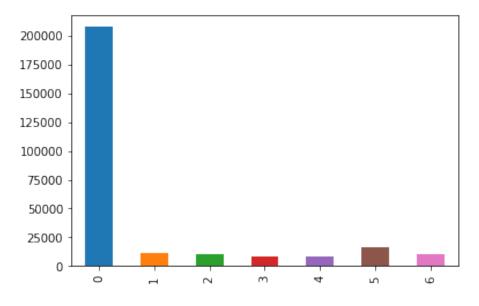


Figure 2: days