



2019-IPR-E-000-013128

Data Scientist

Position for:

TRAINEE

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

Short description of activity:

The current vacancy is with the Demography, Migration and Governance Unit, of the Space, Security and Migration Directorate. This Unit carries out research in support of EU policies in migration and related fields and is responsible for the day-to-day operation of the Knowledge Centre on Migration and Demography.

The European Commission's Knowledge Centre on Migration and Demography (KCMD) established in June 2016 is steered by JRC, DG HOME, and seven other services. It is tasked with providing solid scientific evidence for EU policy makers in migration, supporting the European Agenda on Migration and focusing on migration and demography developments at global scale addressing both short and mid-to-longer term policy needs.

The KCMD is there to map and structure existing knowledge on migration, address some of the key knowledge gaps through its own research, extend the knowledge through networking with external partners, and disseminate its findings and care for their uptake by EU policy makers. Its activity areas span from legal migration and integration, to the external dimension of migration, to underpinning work in innovative data sources and data analytics.

We are looking for a Trainee to contribute to the KCMD work on Migration Data Science and Innovation by carrying out data extraction, transformation, load and statistical analysis

In particular, the individual will:

- Handle large amount of Social Media and other non-traditional data for text and social network analysis;
- Contribute to research reports and to the design of effective visualisations.

Qualifications:

Essential:

- Academic background in data science or related fields;

	<ul style="list-style-type: none"> • Experience with R, as well as familiarity with relational and non-relational databases; • Very good data analysis skills; • Very good command of English (B2 level) both written and oral.
Directorate Unit	Directorate E - Space Security and Migration Institute Migration Demography and Governance Unit Further information: https://ec.europa.eu/jrc/en
Indicative duration	5 months
JRC Site Country	Ispra Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu