2020-IPR-A5-FGIV-014590	FG IV - Project Officer - Data Scientist - Computational Social Science for Policy

Position for: **FGIV – Project Officer - Data Scientist**	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/ The current vacancy is in the Directorate for Strategy, Work Programme and Resources. With the JRC Strategy 2030, the JRC reinforces its commitment to scientific excellence. The creation of the Scientific Development Unit (SDU) is one of the instruments to underpin this strategy. The JRC is offering two positions for two Data Scientists to work within the JRC Centre for Advanced Studies (CAS) in support of the project "Computational Social Science for Policy". CAS provides an interdisciplinary and stimulating space where JRC scientists are encouraged to think beyond the conventional, look forward towards cutting-edge technology hand-in-hand with scientific excellence. Digital footprints created everyday by smart technologies can be processed using computational methods to model collective behaviours and describe aspects of our society not yet captured or quantified. Although there is an abundance of data, it can be difficult to retrieve or access due to how the data is held, stored, or disseminated, and by whom. Acknowledging such difficulties, the project aims to strengthen access and analysis of data from these sources through key partnerships with EU policy makers, relevant organisations and the private sector. The data scientists will work in a multidisciplinary team comprising of JRC staff and external specialists. The data scientists are expected to harness non-traditional data including big data, analyse it and draw conclusions on its impact on society. Qualifications: Essential: • Completed university studies of at least three years attested by a diploma and at least five years of professional experience in a field relevant to the position, alternatively a doctoral diploma in computer science, statistics, data science or a related quantitative analysis discipline; • Hands-on experience with data analytics, scientific programming tools (Python, R), large volumes of unstructured data, modelling and capability to transform data into information by extracting relevant insights, trends and patterns.

	• Deep understanding of data and methodological quality aspects; • Ability to work autonomously, as well as in a team from diverse disciplines and cultural backgrounds; • Ability to handle high workload when necessary and deliver under pressure; • A good understanding of the EU policy-science interface, as well as the challenges and opportunities associated with it. Asset: • Demonstrated experience in applying advanced computational methods to innovative data (social media, mobile positioning data, money transfer and credit card data, air passenger and mobility data, satellite data etc.); experience in machine learning techniques and computational social science; • Previous work in big data related projects; • Professional experience in managing research projects and international networks; • Proven interest and skills in developing and implementing new ideas, in particular in multi-disciplinary fields. The working language will be English and a good knowledge of oral and written English (B2 level), communication and presentation skills are necessary. Interested candidates should provide in addition to the application form a list of publications, highlighting the 5 most relevant ones. The JRC cultivates a workplace based on respect for other people and the environment, embraces non-discriminatory practices and equality of opportunity encourages lifelong learning and development possibilities. In case of equal merit, preference will be given to the gender in minority.
Directorate **Unit**	Strategy, Work Programme and Resources Scientific Development Further information: https://ec.europa.eu/jrc/en https://webgate.ec.europa.eu/connected/community/jrc/directorate-a/a5/centre-for-advanced-studies https://ec.europa.eu/jrc/en/research/centre-advanced-studies
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site **Country**	Ispra Italy
Rules and eligibility	The candidate must be on a valid EPSO reserve list for Function Group IV contract staff. If you are not in any valid EPSO reserve list for Function Group

	IV contract staff, you can still apply by following these steps.
	You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.
	1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. https://epso.europa.eu/documents/2240_en
	2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers
	Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX
	Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members
	Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.
	Please note that in case a high number of applications is received only shortlisted candidates will be contacted.