



2019-IPR-I3-FGIV-012051

**FG IV - IT Project Officer - Scientific Research
- Text Mining and Sentiment Analysis**

<p>Position for:</p> <p>FG IV – IT Project Officer</p>	<p>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.</p> <p>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/</p> <p>In the Directorate for Competences, the Text and Data Mining unit aims to develop, provide access to, and apply text and (big) data mining, management and analysis. The Unit also provides: (i) guidance on the use of statistical data mining methods as well as text mining and analysis techniques for information extraction; (ii) one-stop-shop for tools, services and training for the EU institutions and strategic partners to support their needs in the fields of open sources intelligence, media monitoring, information harvesting and analysis as well as innovation monitoring, statistical data mining and visualisation; (iii) set-up of Competence Centres in these areas as appropriate.</p> <p>The Text Mining & Analysis Competence Centre is an in-house consultancy and innovation service supporting EU Institution's Policy Makers, Investigators and Analysts in their knowledge-intensive tasks by providing consultancy and advanced analytical tools in the field of text mining.</p> <p>We offer a position for a research fellow in Text Mining and Sentiment Analysis aiming to explore original methodologies and techniques for automation of extraction of sentiment/arguments/opinions/emotions from massive text collections, most notably from social media.</p> <p>The successful candidate will contribute to the enrichment of the various text mining tools developed by the Unit, with a specific focus on use cases involving sentiment analysis, opinion mining, argument mining, tonality analysis, and emotions detection.</p> <p>The successful candidate will contribute to the following tasks:</p> <ol style="list-style-type: none">1. To develop methods, resources and applications for social listening and emotion detection.2. To identify and investigate requirements for large-scale social media monitoring and bottom-up topic detection, and implement existing and novel approaches to address these requirements.3. To contribute to research on, implement and evaluate methods and resources for explicit and implicit emotion detection from social media in a highly multilingual setting.
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	<p>Qualifications:</p> <p>5 years of experience in the field is an advantage. Very good knowledge of English (B2 level) is required.</p>
Directorate Unit	<p>Competences Text and Data Mining</p> <p>Further information: https://ec.europa.eu/jrc/</p>
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	<p>Ispra</p> <p>Italy</p>
Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>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</p> <p>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</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>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.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>