



2020-IPR-I-000-015028

Sentiment Analysis and Social Listening

<p>Position for:</p> <p>Trainee</p>	<p>As the science and knowledge service of the Commission, the mission of 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: http://www.jrc.ec.europa.eu</p> <p><u>Short description of activity:</u></p> <p>Background: The <i>Text and Data Mining Unit</i> (I3) of the European Commission's <i>Joint Research Centre</i> (JRC) in Ispra, Italy, is looking for a trainee to support the JRC's Text Mining & Analysis Competence Centre (TMA-CC) team.</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><u>Qualifications:</u></p> <p>We are looking for an enthusiastic and skilful trainee for experimenting novel use cases involving (multilingual) text mining, natural language processing, knowledge discovery, and data visualisation. He/she will contribute to develop innovative software applied to a wide range of areas within European Union's Competences, and be involved in the preparation of scientific publications/reports. In particular, the trainee will contribute to projects involving sentiment analysis of text from news and social media in the aim of advancing social listening capabilities.</p>
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	<p>If applicable, the trainee will also have the opportunity to contribute to writing a scientific publication on the work carried out.</p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • a Master degree (or an almost completed degree) in computer science, computational linguistic, engineering, or related areas; • good computer literacy and at least basic programming skills (e.g. in python, java, angular, ...); • taste for prototyping and experimenting novel ideas with concrete outcome • good working knowledge of English min. B2 level; • ability to work independently and as part of a team. <p><u>Advantage:</u></p> <p>Any of following would be an asset:</p> <ul style="list-style-type: none"> • good knowledge of text analysis/processing and machine learning tools, open source libraries, and methods, especially involving sentiment analysis; • hands-on experience with highly scalable document repositories (e.g. elasticsearch, solr, ..) • front-end development skills, with a taste for data visualisation techniques; • research experience in artificial intelligence, machine learning, natural language processing, semantic text analysis, etc. <p>In your application, please provide clear information on your skill set, by elaborating on the above-mentioned list of requirements and by listing your level of languages and your computer / programming skills.</p> <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Unit /Directorate	Directorate <i>Competences</i> I03 – <i>Text and Data Mining Unit</i>

Duration	5 months
Preferred starting date	16 th of October 2020
JRC Site	Ispra
Country	Italy
JRC contact details	For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu