



JOB POSITION

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Researcher in Data Science/Machine Learning

PROJECT

Determination of the air quality in urban areas

JOB POSITION DESCRIPTION

The goal of the project is to develop a model based on ML to predict urban air pollution. The candidate will be responsible for the retrieval of datasets from different sources, data pre-processing, merging of datasets to generate a working dataset, training of several ML learners and mining of results.

PROFILE OF THE CANDIDATES

The candidate will have experience in Machine Learning (ML) projects including data wrangling, training/test/benchmarking learners and deploying models. He/She will be proficient in popular ML packages either in python (scikit-learn, matplotlib, pandas) or R (tidyverse, mlr, ggplot).

Ideal candidate: Master degree in Data Science, mathematics, physics, engineering or related discipline with coding experience in python or R and machine learning.

REQUISITES

- python (scikit-learn, matplotlib, pandas) o R (tidyverse, mlr, ggplot).
- Ability to work in a team, ability to work independently, organization, friendliness, dynamism, versatility, rigor, responsibility, and confidentiality.

IT WILL BE CONSIDERED

- Ability for personal relationships.
- Complementary training
- Motivation, creativity, initiative and proactive attitude.
- Ability to continue learning, flexibility and adaptability.
- Commitment to quality, optimization of resources and achievement of results.
- Possibility of working in person in the office and working remotely (teleworking), according to the needs of the service.

LABORAL CONDITIONS

- Full time



- Place: ETSEQ
- Temporal contract
- GROUP 1
- 6 months
- 2600€ gross salary a month
- Starting: as soon as possible

SELECTION PROCEDURE

- Cv's Selection
- Score CV : 5 points
 - Studies and experience to related the project
- Personal interview : 5 points

SELECTION COMMITTEE

- President: . Alexandre Fabregat Tomàs, (investigador, codirector de projecte)
- Vocal 1: Anton Vernet Peña, (investigador, codirector de projecte)
- Vocal 2 : Lluís Vázquez Vilamajó (personal de suport a la recerca)

SUBSTITUTES:

- Jordi Pallarès Curto, (investigador)
- Ildefonso Cuesta Romeo, (investigador)
- Josep Anton Ferré Vidal, (investigador)

With the approval:

- Lourdes Jane (Directora CTTI)
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APLICATIONS

The CV must include the DNI / NIE number or personal identity document

Send the CV by the FURV website (<https://www.fundacio.urv.cat/ca/fundacio/borsa-treball/>) or directly to the emails rrhh@fundacio.urv.cat and lluis.vazquez@urv.cat

DATE LINE RECEPTION CV'S

January 7, 2022