PSL University is hiring:
1 junior data-scientist for social sciences

In the context of the development of the ACSS institute, PSL university is hiring 1 junior data-scientist. He/she will be responsible for implementing strategies, tools and methods for producing and analyzing data from various sources (Web, institutional databases, archives, etc.). He/she will also be responsible for ensuring compliance with best practices in matter of code and data management. Finally, he/she will contribute to the development of statistical analysis or machine learning algorithms (particularly in the field of natural language processing).

Created by the University Paris Sciences and Letters (PSL) and hosted by Paris-Dauphine, the «Applied Computational Social Sciences» Institute aims to strengthen research on major societal issues (political and social cohesion, ecological transition, digital transformation, economic efficiency and competitiveness) by linking data sciences and social sciences.

The Institute collects and processes heterogeneous data on a large scale both to enable scientific advances and to help inform public dialog and decision-making.
It brings together a multidisciplinary team of researchers and relies on a team of engineers in data science who bring their expertise to build original databases and perform sophisticated analysis. These projects are initiated and supported by research units affiliated to the French National Institute for Research (CNRS) and a group of outstanding research universities. The outcomes of the Institute activities are also featured to reach policymaking and business audiences.

Application:

The application form is available at this address: https://acss-dig.psl.eu/en/candidate. It should include a CV, a cover letter, and a transcript of concluded university degrees.
Review of applications will begin **October 14th, 2022** and continue until the positions are closed.
Contact : Bruno Chaves Ferreira bruno.chavesferreira@dauphine.psl.eu

Required Training and Skills:

Requested Skills:
- Deep knowledge of the Python (and/or R) ecosystem in data processing, analysis, and visualization.
- Mastery of SQL.
- Development methodologies: unit testing, version control (GIT).
- Understanding of social sciences scientific methods.

Additional Skills:
- Knowledge of the main machine learning paradigms (regression, supervised classification, clustering, visualization, etc.).
- Hands-on experience in modern web services (REST architecture, JSON formats, XML, etc.) and regular expressions.
- Experience in natural language processing (NLP) and NoSQL databases will be highly appreciated.

Education:

Master's degree in computer science, math-data science, or an engineering school degree.

Miscellaneous:

May be suitable for a first position.

This is a new position on a fixed term contract for a period of 2 years, renewable

Remuneration according to profile and experience (in accordance with the CNRS's guidelines)

The position is based at the University of Paris Dauphine.