

# Fullstack Python/React Developer - Home Assignment

We propose a data ingestion mini project, which aims to evaluate the essential technical skills, namely: **Python, SQL Syntax, Database, Python Libraries.**

The candidate should:

1. Firstly, to recover some raw data from <https://query.wikidata.org/>
  1. This data should be movies that had been released after 2013 and have **imdb-id**.
    - i. **HINT:** Use the properties to filter the information, for instances:  
The **imdb-id** has the value property:  
<https://www.wikidata.org/wiki/Property:P345>
2. Then, as the information (or data) recovered might be in a JSON format (or other, if you want to scrap the web-site), it should be ingested in a database, by using Python Programming Language for parsing and saving (insert or update) the data, and by using a conception of entity-relation chosen/created by yourself (which must respect some normalizations).
3. Finally, but not mandatory, display some tables of the data stored in the database in a simple interface. For instance, by using Flask-AppBuilder.
4. Please share the solution with us using a public git repository
5. Please apply good software development practices in your solution. Don't be afraid to show off!