

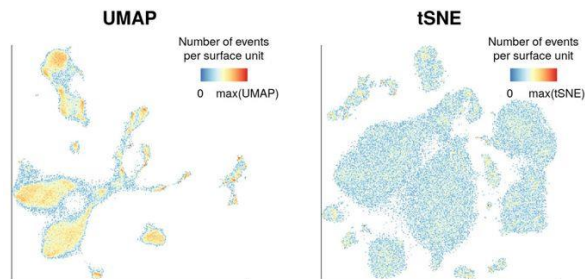
## DB4MDP: Online knowledge base to select the best Multi-Dimensional Projection technique for an intended Visual Analytic task

### Project Description:

We analyzed the state of the art of visual analytic systems based on multi-dimensional projections, and wrote a survey paper about it. We set up an online search engine to query this database:

<https://db4mdp.azurewebsites.net/mdp/>

Now we want to improve the design of the website to ease its access to data scientists online and to update the content of the database by users with proper credentials.



### Duties/Activities:

You will update the Python and html code to improve the design and usability of the interface. You will add a way to update the database for users based on credentials.

**Required Skills:** Web technology, Python

**Preferred Intern Academic Level:** 3<sup>rd</sup> or 4<sup>th</sup> year of BSc

### Learning Opportunities:

You will learn about the Django framework (Python, HTML, CSS), AWS and Docker system, and about how Multi-Dimensional Projection techniques are used in Visual analytics.

**Expected Team Size:** 2 interns

### Mentor

Name: **Michael Aupetit**

email: [maupetit@hbku.edu.ga](mailto:maupetit@hbku.edu.ga)