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/

We improved 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. We need to install this new website on QCRI server and to extend it with a surVis format version: https://github.com/fabian-beck/survis

Duties/Activities:
You will install the new version of the search website on a QCRI server and will extend this version with the SurVis framework.

Required Skills: Web technology, Python

Preferred Intern Academic Level: 4th year of BSc

Learning Opportunities:
Your will learn about linux setup, installation of a server to serve a full-stack application, and use Python to extend it.

Expected Team Size: 2 interns

Mentor
Name: Michael Aupetit email: maupetit@hbku.edu.qa