

Designing and Proposing an Elastic Data Analytics System

The goal of this assignment is to design and propose your mini project which is based on the assignments 1,2, and 3. In this assignment you are asked to

- 1) Present a conceptual design of all services and their interactions to support the use case in the first assignment
- 2) Finalize the list of tools/frameworks you will use to build the design, based on your work in the assignment 2
- 3) Design how your data services and analytics services will support data concerns and trade-offs among selected concerns (based on the assignment 3) based on elasticity principles.
- 4) Present your design in the lecture.

You will need to submit a report and a presentation. The report describing your work should be limited to 2 pages in IEEE computer society format template (https://www.ieee.org/conferences_events/conferences/publishing/templates.html). You will have 5 minutes for your presentation during the lecture + 5 minutes for questions.

The PDF report and the presentation must be submitted to TUWEL based on the deadline mentioned in TUWEL.