LTAT.06.010 Pervasive Data Science
Lecture 4

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Recap

• Initial understanding of the project was presented
• Additional material to execute the project was given in last session
Overview

Goal: How to perform a feasibility study?
- The execution of the project should be oriented to its central idea
- The arguments of your project should show potential

Result: Guidelines and methodology to conduct a feasibility study
Example: Underwater Edge Computing
Edge computing

Concept: Bringing computing power close to end-devices

• Cloudlets
• Micro-clouds
• Edge and fog
  • Micro-services
(Underwater) Edge computing

Underwater environments can benefit from processing (Oceans, River and Lakes)

- Aquatic pollution
- Water quality
- Marine fauna
(Underwater) Edge computing
Feasibility analysis and prototyping
(Underwater) Edge computing

Feasibility analysis and prototyping
(Underwater) Edge computing

Feasibility analysis and prototyping
(Underwater) Edge computing

Promising results?
(Underwater) Edge computing

Promising results?

..... Let’s take it to an in the wild environment
(Underwater) Edge computing
(Underwater) Edge computing
Next lecture

Iteration II (check pointing)
Questions?

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