

The ASCENDER project

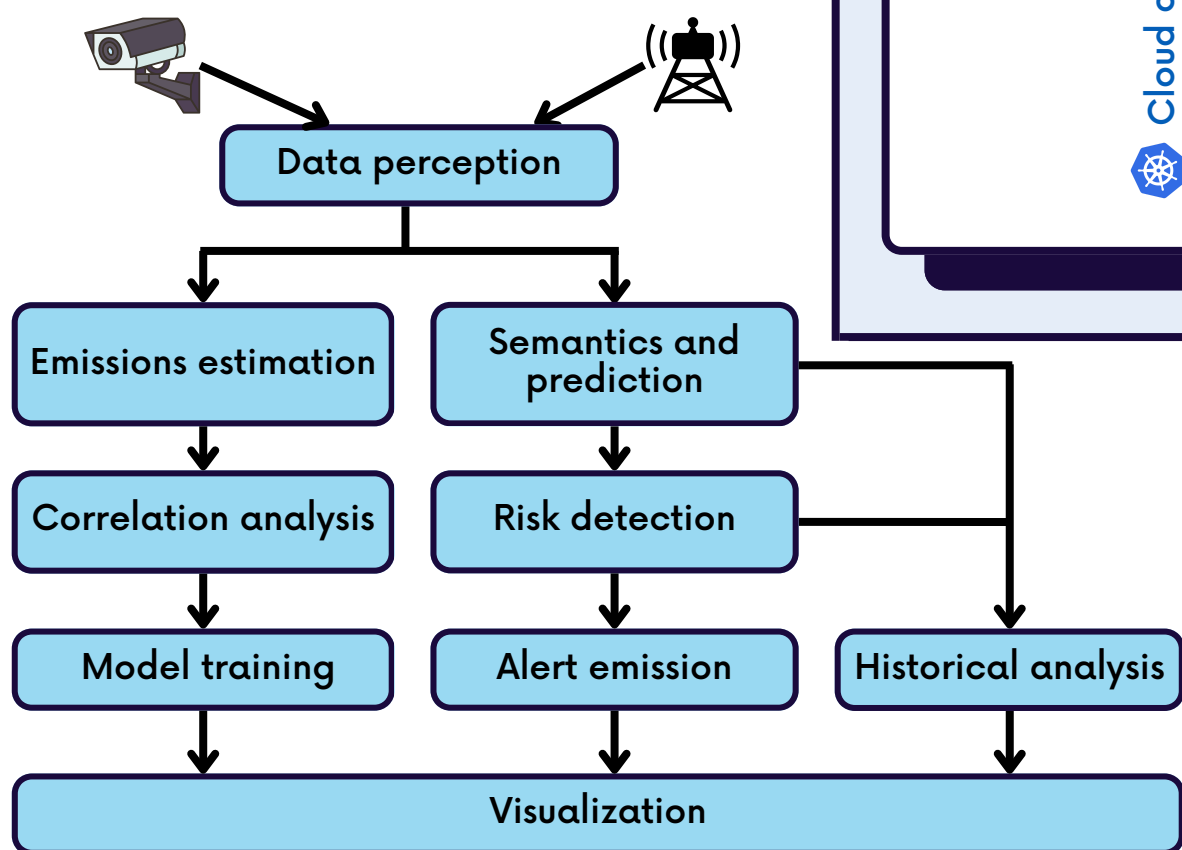
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A. Objectives

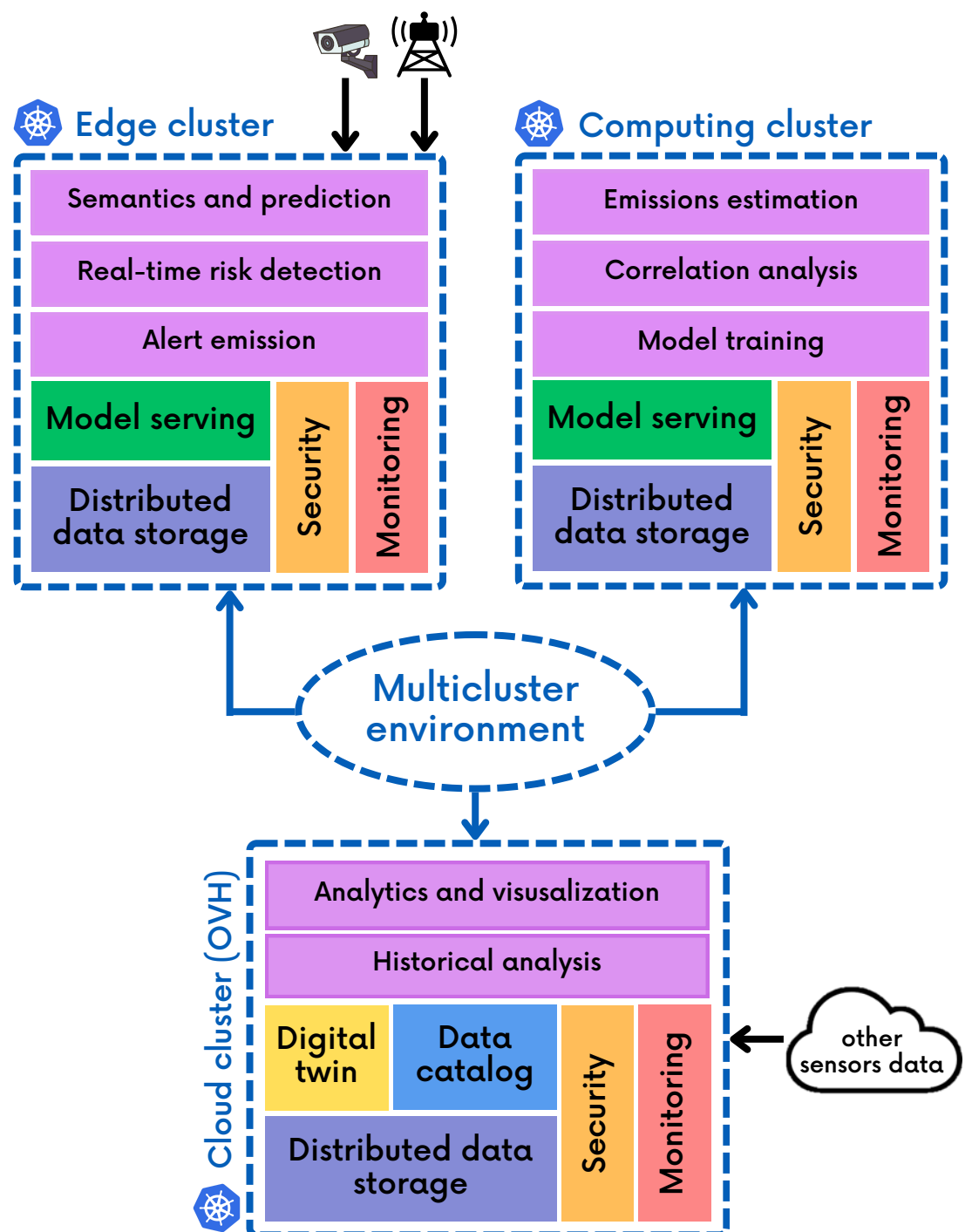
- Building a software infrastructure for the development, deployment and execution of **distributed workflows** in the **compute continuum**.
- Developing **extreme data analytics** for precision agriculture and smart cities.

B. Programming model

- **COMPSs**
 - Task Dependency Graph
 - **Parallelism** exploit
 - (Complex) **infrastructure abstraction**
- **Smart city workflow**
 - **Smart and safe** mobility
 - **Sustainable and green** mobility



C. Infrastructure: Smart city use case



D. Acknowledgments

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