

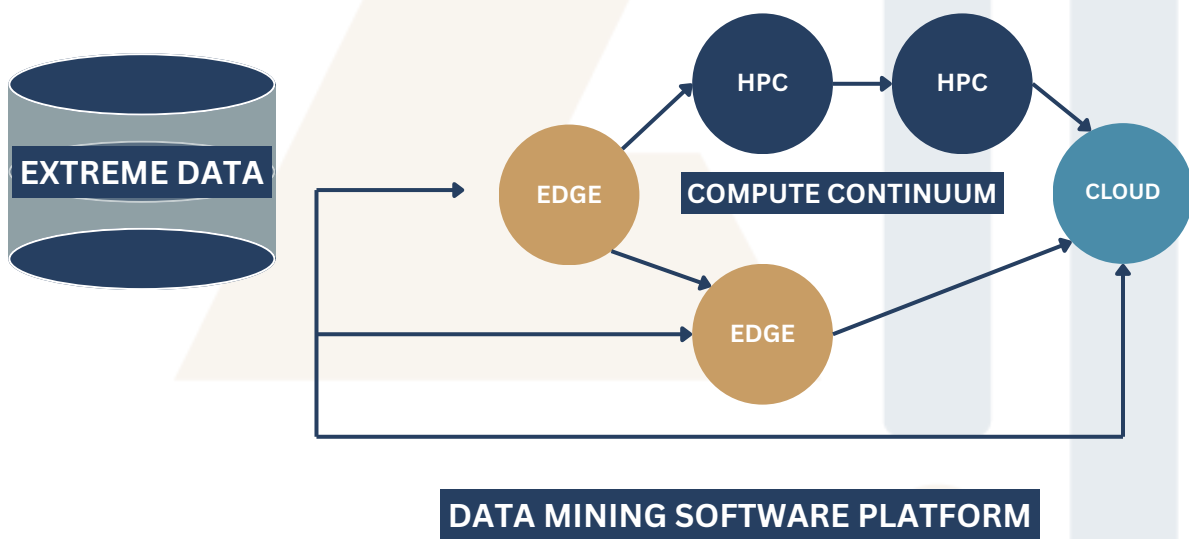


EXTRACT

A distributed data-mining software platform for extreme data across the compute continuum

Delivering a **data-driven open-source platform** integrating cloud, edge and HPC technologies for trustworthy, accurate, fair and green data mining workflows **for high-quality actionable knowledge**

THE PROJECT

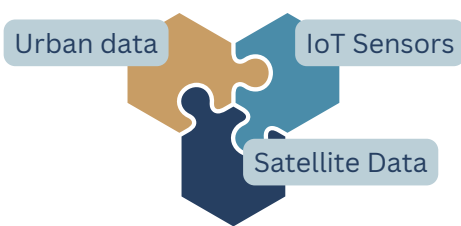


THE EXTRACT USE CASES

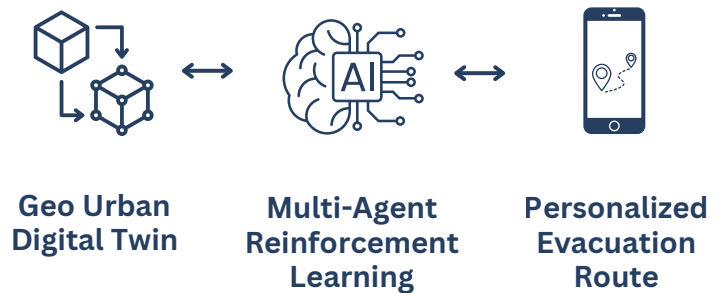
Personalized Evacuation Routing (PER)

In the PER use case, **EXTRACT technology will guide people safely through Venice in real time**, using diverse data sources to create personalised evacuation routes that adapt to individual needs and changing conditions.

THE BIG DATA

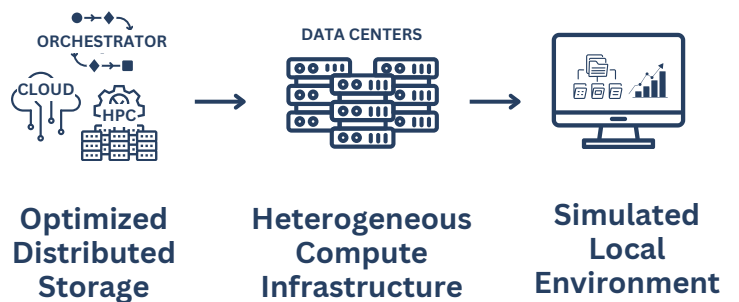
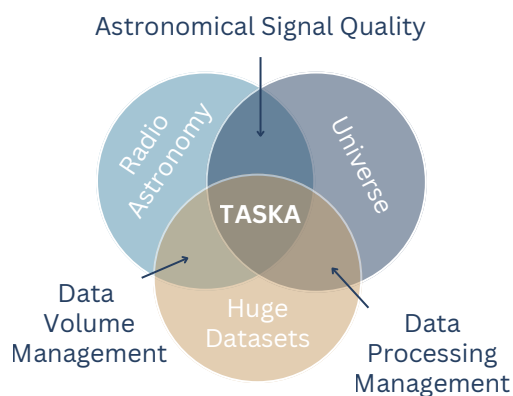


THE TECHNOLOGY



Transient Astrophysics with a SKA Pathfinder (TASKA)

In this use case, **EXTRACT technology will develop data mining workflows to process NenuFAR radio-telescope data efficiently**, reducing the vast volume of raw data by a factor of 100.



PER



TASKA

