

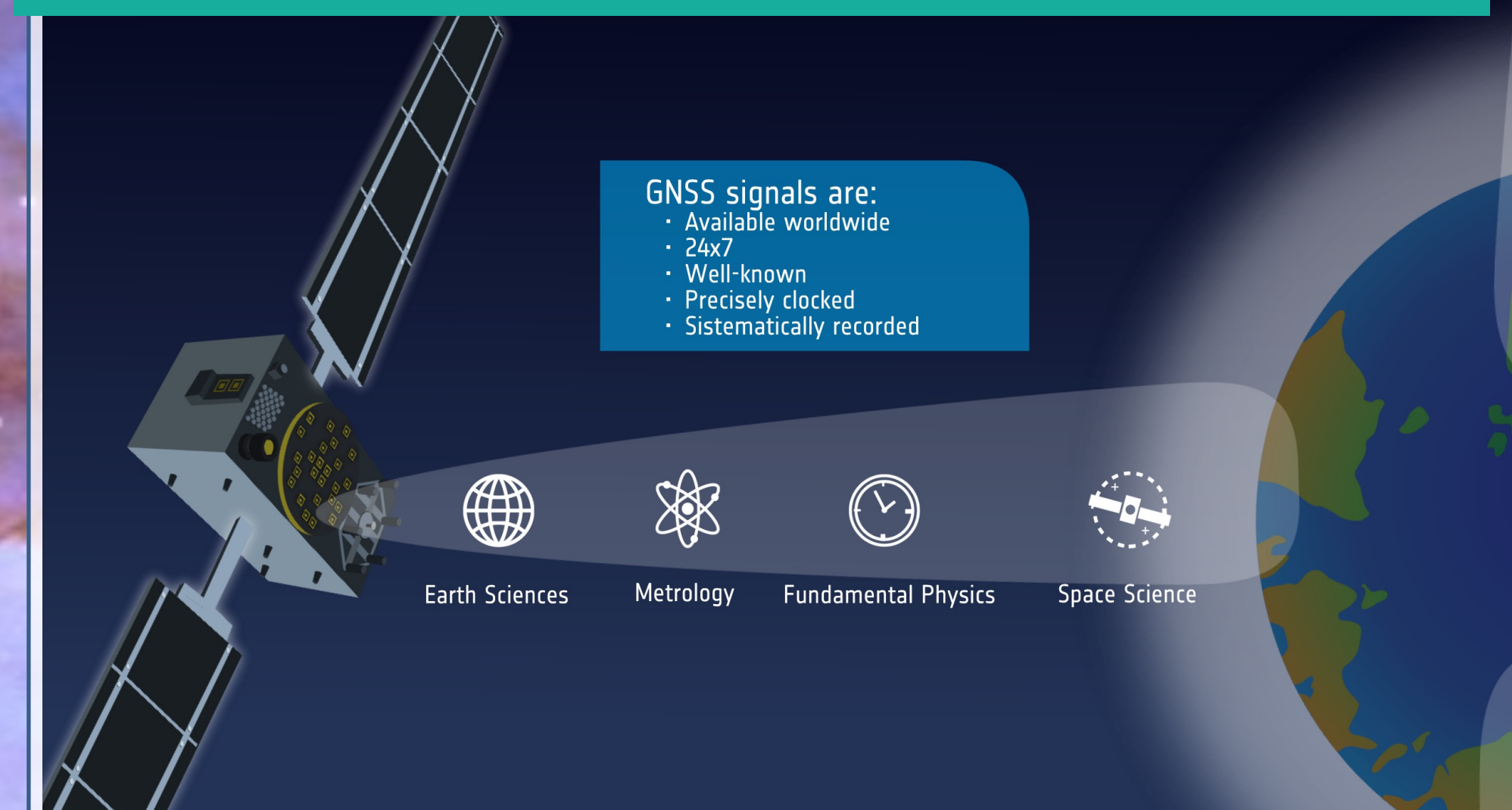
GSSC Now - ESA's Digital Platform for Navigation Science Data

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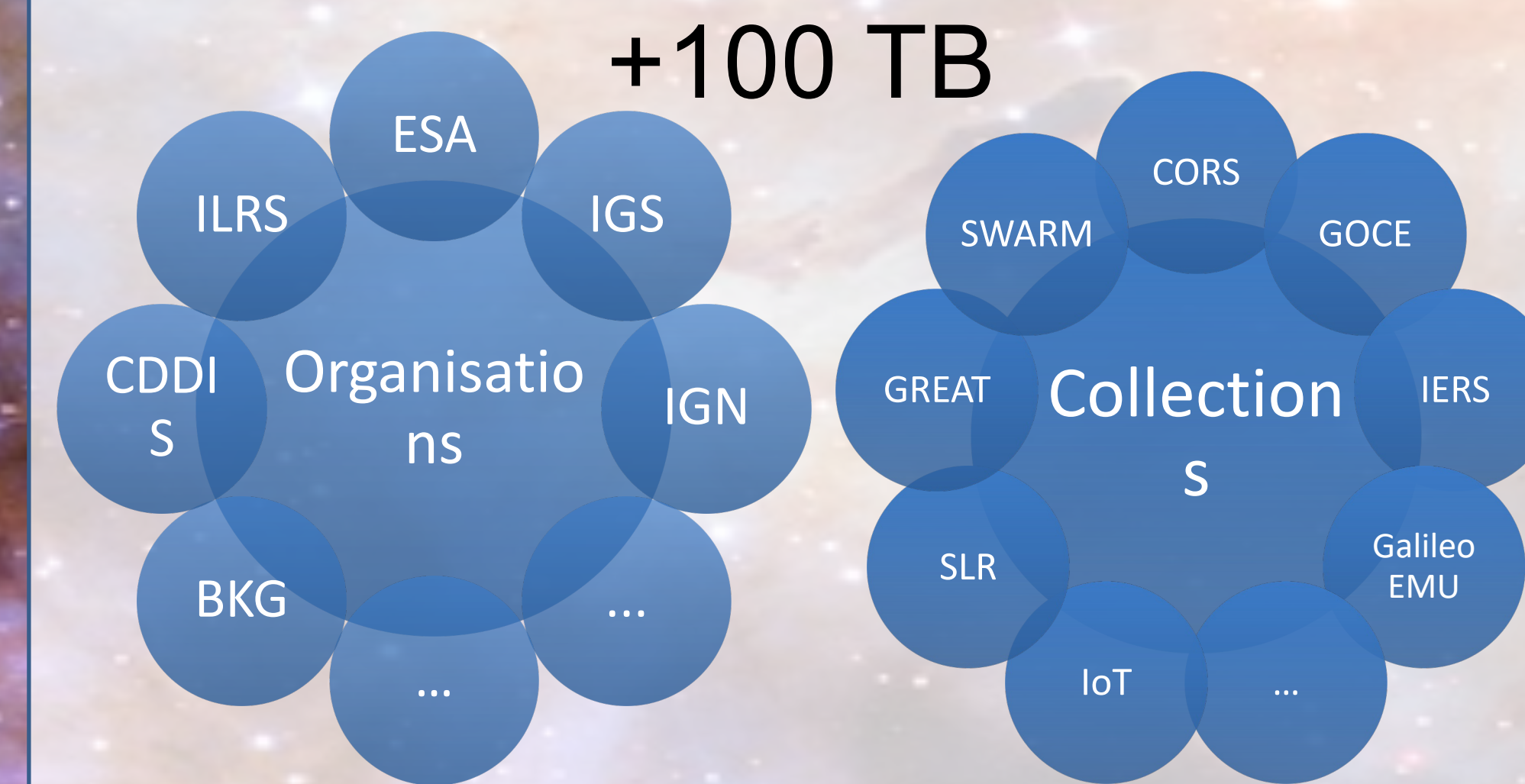


Nowadays, the sheer amount of data collected from space-borne and ground-based sensors, is changing past approaches towards data processing and storage. Overall, the rapid growth of data generation rates in Information Technology is expected to produce 175 zettabytes worldwide by 2025. This landscape has led to a new golden age of Machine learning (ML), able to extract knowledge and discover patterns between input and output variables given the volume of available training data.

In order to realize the scientific potential of GNSS, at the European Space Astronomy Centre (ESAC) near Madrid, the GNSS Science Support Centre (GSSC), hosts ESA's data archive for scientific exploitation of GNSS data.



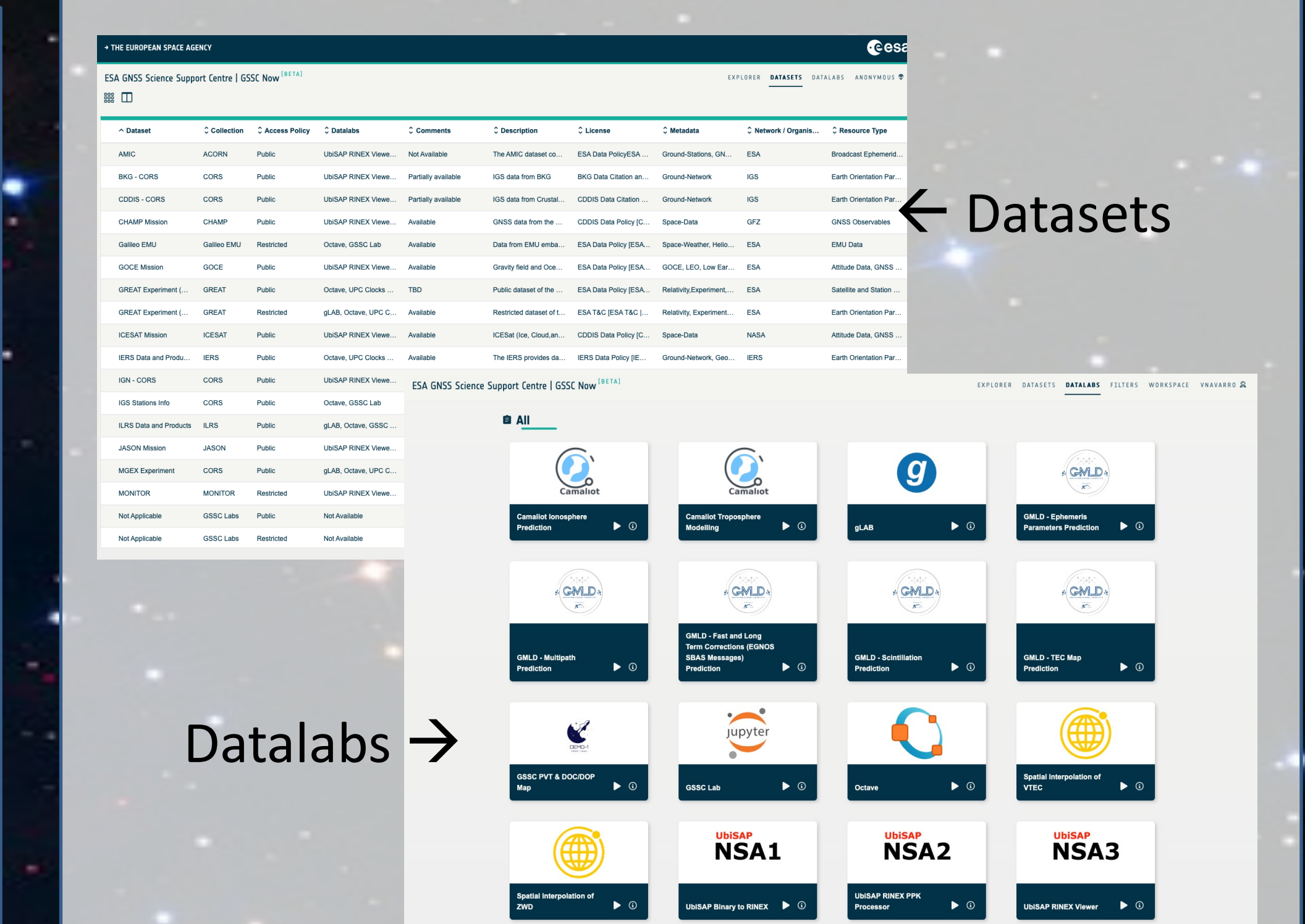
Our GNSS Datalake has been populated with ESA and non-ESA datasets. It is designed for integration of external contributions enabling federation and resource elasticity



+12 TB/Year
 +10000 Users / Month

GSSC Now supports ESA Navigation Science strategy aiming to increase science return from GNSS data through an open and innovative to access Digital Platform to discover and exploit GNSS Data in a collaborative way

Your marketplace for GNSS Science



← Datasets

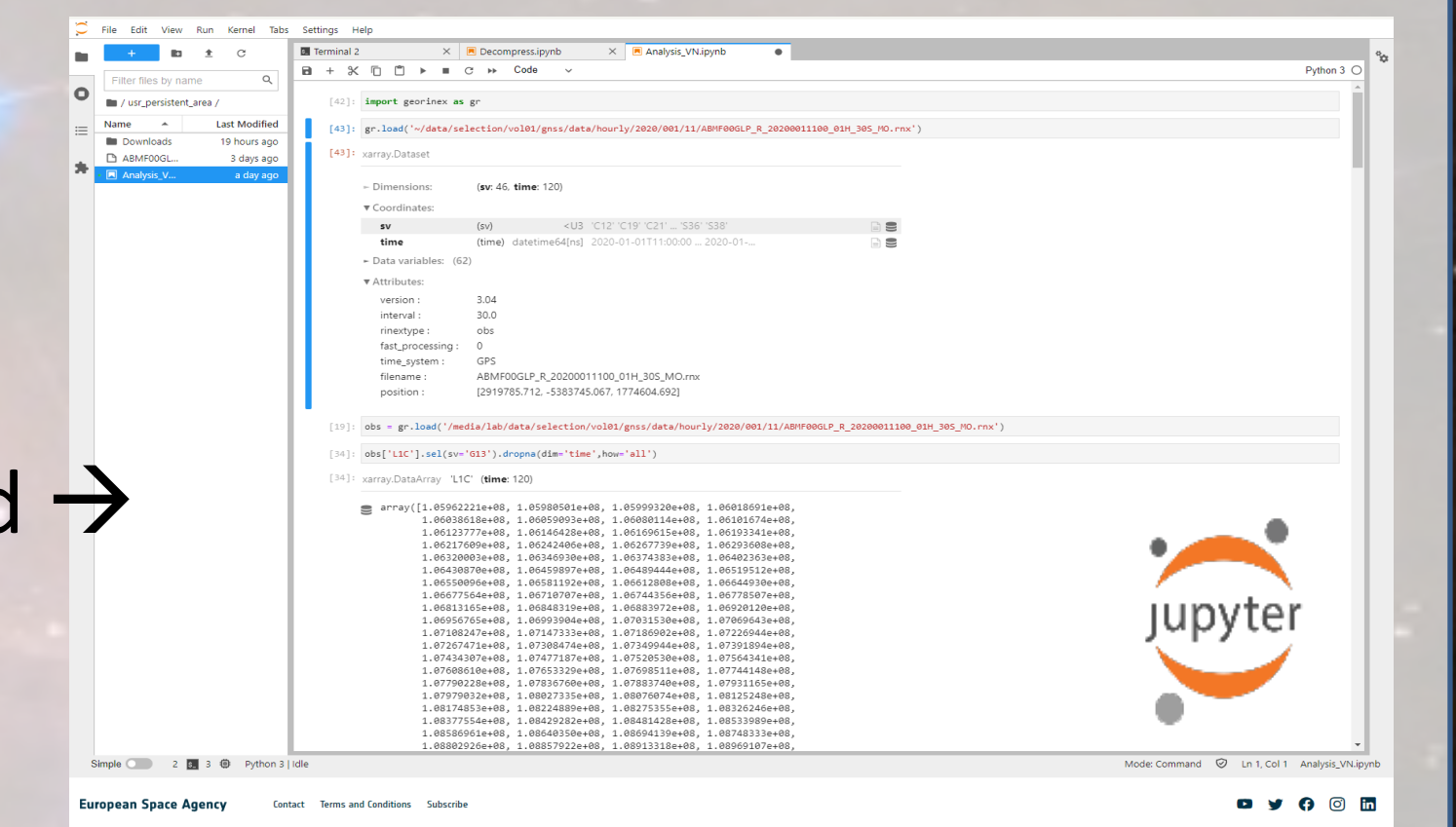
Datalabs →

Your on-demand cloud analysis datablabs



← Desktop-Based

Web-Based →



GSSC Now: gssc.esa.int/now

Preview Invitation Code: EGU23

European Space Agency