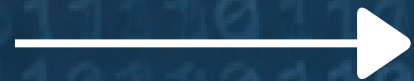
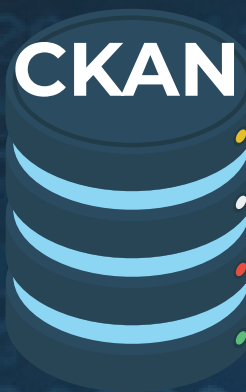




# Data Space Layered Architecture

## 3 Layers of FEDORA Spaces

### Public Layer



General Public



All can see what data sets are available, can see (some) meta-data.

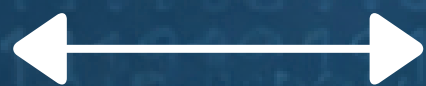
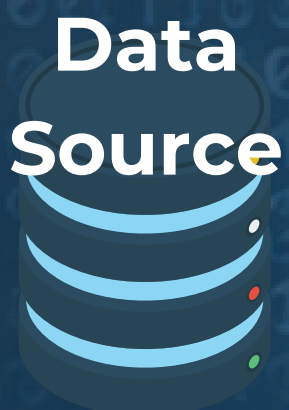


Can use AI Assistant.



Cannot access data.

### Intermediate Layer



AI Assistant



Contains tools that are open to both public and private layers.



No users on this layer.

### Private layer

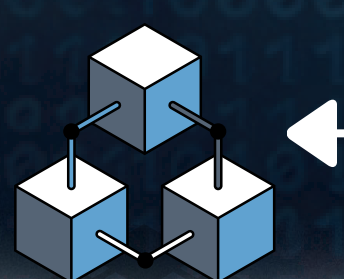
Data Catalogue



Data Providers



Blockchain



FEDORA Data Space



Data Harmonization



Data Consumers



The FEDORA data space layer.



Accessible only via invitation.



Data Consumers have access to data once agreement is formed with data provider



Any transaction is recorded in blockchain.

The FEDORA data space layer:



Data providers push new datasets to the data catalogue to be integrated into the central metadata catalogue.



Any transaction is recorded in blockchain.



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