Data Science

Data science tools

GitHub is a code asset management tool It’s web-based and provides sharing, collaboration, and access control features.

Data asset management, also called digital asset management (DAM),

is the organizing and managing of important data collected from different sources.

DAM is performed on a DAM platform that allows versioning and collaboration.

DAM platforms also support replication, backup, and access right management for the stored data.

Development Environments, also called Integrated Development Environments, or

“IDEs”, provide a workspace and tools to develop, implement, execute, test, and deploy source code.

IDEs like IBM Watson Studio provide testing and simulation tools to emulate

the real world so you can see how your code will behave after it is deployed.

Data Science Task Categories are:

Data Management,

Data Integration and Transformation,

Data Visualization,

Model Building,

Model Deployment, and

Model Monitoring and Assessment.

Data Science Tasks are supported by

Data Asset Management,

Code Asset Management,

Execution Environments, and

Development Environments