

Data Mesh Manager offers a comprehensive suite of tools for effective data management within a data mesh framework. We can use this tool to discover trustworthy data sources through visualizations and quality metrics. We can also manage data products by evaluating their value and costs and establish formal agreements between data providers and consumers through data contracts. Furthermore, Data Mesh Manager facilitates governance support and policy tracking features. Thus, we can give decision-making support and tracking policy adoption. Additionally, the Data Mesh Manager streamlines metadata management and ensures the integrity and reliability of data within the ecosystem through the CI/CD pipelines and automation capabilities.

We can view, create, and modify connections to data sources, curate datasets and define their schema and transformation logic, design, deploy, and manage data pipelines, set up data transformation logic, establish and enforce data governance policies, explore and search the data catalog, collaborate with team members, monitor and configure alerts for data pipelines and products, integrate the platform with other systems, and customize various configuration settings and preferences. We can also interact with various elements within the data management platform, including data sources, data products, data pipelines, data transformations, data governance policies, data catalog entries, collaboration tools, monitoring and alert settings, integration points, and configuration settings.

We can find the data contract there. It is a formal agreement between a data product provider and a data product consumer. This agreement specifies the terms and conditions for data exchange, including semantics, quality, and terms of usage. It is also used for discussing semantics, quality, requirements, and expectations before implementation within data products. Additionally, data contracts include usage terms and billing policies, ensuring clarity and alignment between data providers and consumers.