Unleash data’s untapped potential with high-scale sharing of lifecycle managed data products

IBM Data Product Hub

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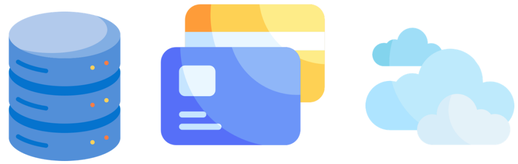
Banking Data Process Flow: Existing

4

Finance

1



Data Sources

Management Information Systems

3

Unit Data Team

2

2

4

3

Marketing

Unit Data Team

4

Credit Adm.

3

Unit Data Team

2

Notes:

1 Pooling various data sources into single repository by MIS

2 Distributing data needed into departments

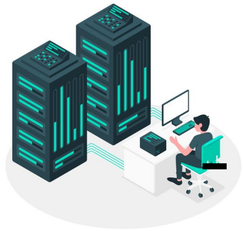
3 Unit Data Team proceed data into certain reports

4 Unit Manager will consume the reports for business or compliance purposes

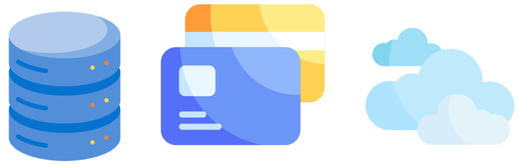
Banking Data Process Flow: New

Finance

Unit Data Team



Management Information Systems



Data Sources

- ✓ Lawfulness, Fairness, Transparency
- ✓ Purpose Limitation
- ✓ Data Minimization
- ✓ Accuracy
- ✓ Storage Limitation
- ✓ Integrity and Confidentiality
- ✓ Accountability

Marketing

Unit Data Team

Credit Adm.

Unit Data Team

Some challenges arise ...

- Unit data team is **restricted** to access all data, thus data protection rules must be strictly implemented
- **Consent** is needed before unit data team can access and proceed the data
- Data must be used based on **agreed contract** between data owner and data producer, including data consumer
- **Data quality assessment** must be applied before data is distributed into certain departments

More data, more problems?

Each year enterprise data is growing by [1]

42.2%

Speed

- Inefficient data sourcing obstructs analytics.
- **Data delivery delays due to IT dependency.**
- Continuous data upkeep due to format changes and staleness.

Trust

- **Unauthorized access to sensitive data.**
- Poor levels of data quality and reliability.
- Inadequate enforcement of data protection policy.

Silos

- **Absence of a unified view across systems and tools.**
- Multiple data environments: cloud, on premise, hybrid.
- Diverse source systems and analytic tools using data.

Current ad hoc approaches to acquire and deliver data diminish returns

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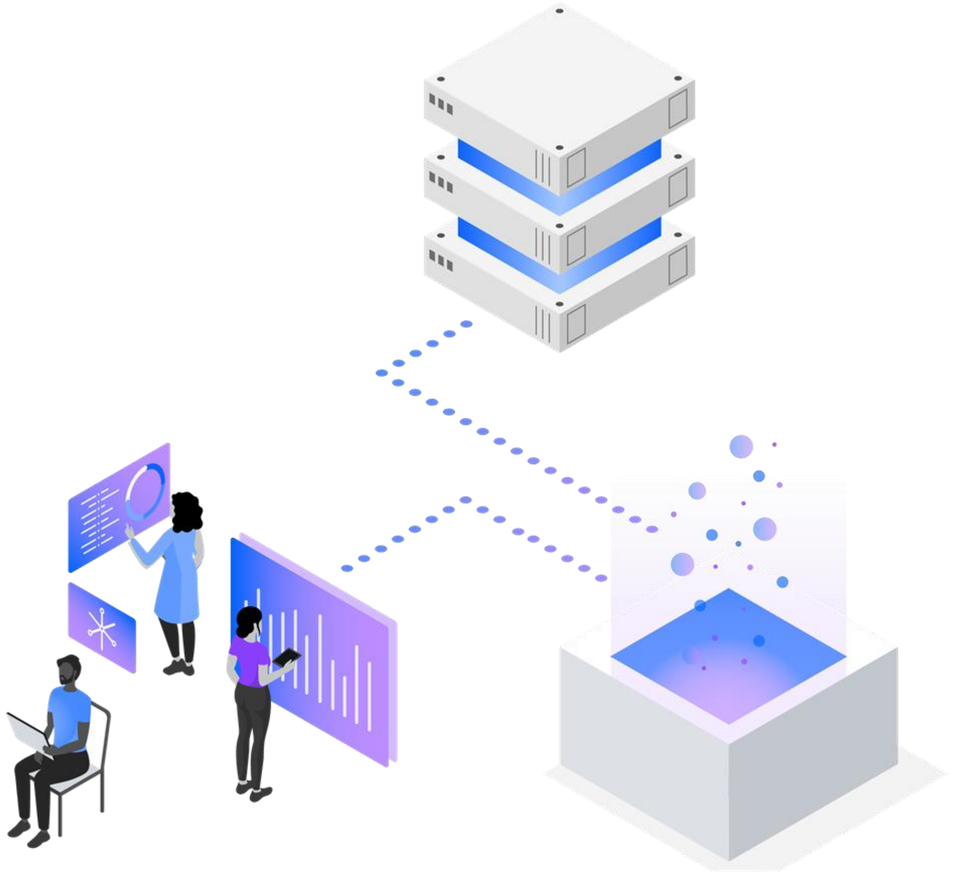
30%

of total enterprise time was spent on non-value-added tasks because of poor data quality and availability.[1]

Introducing...

IBM Data Product Hub



Onboard, search, access and deliver data products across your organization...

...Enabling teams to work faster and more efficiently.

Immediate benefits

30%

lower total ownership costs [1]

90%

time savings for new use case implementations [1]

$1.2 bn

Reduced risk of data governance burden[2]

Data Product Hub Demo

Data Consumer

- Perform data shopping
- Request new data product
- Subscribe data product
- Access data product

https://github.com/Client-Engineering-Indonesia/Data-Intelligent-Incubation-Feb-2025/tree/main/Data%20Product%20Hub

Data Producer

- Claim task
- Create data product
- Approve subscription request

AI-Enhanced Data Delivery Demo

https://ibm.box.com/s/sehcvvfk19mgjap4xxgi9kbo502dwqxc