

Project Title: Dissecting The Digital Landscape: A Comprehensive Analysis Of Social Media

Data Presentation

Prepare The Data For Visualization:

- One way to understand the ins and outs of data preparation is by looking at these five D's: discover, detain, distill, document and deliver.
- Data virtualization is an approach to integrating data from multiple sources of different types into a holistic, logical view without moving it physically.
- In simple terms, data remains in original sources while users can access and analyze it virtually via special middleware.

DATA CONSUMERS



Enterprise Applications, Reporting, BI, Portals, ESB, Mobile, Web, Users, IoT/Streaming Data

Multiple protocols,
formats



Linked data services
query, search, browse



Request/Reply,
event driven



Secure
Delivery

Agile Development

denodo

DATA VIRTUALIZATION

Governance & Metadata

Performance

CONNECT

Normalized
of disparate data

COMBINE

Discover, Transform,
Prepare, Improve Quality,
Integrate

CONSUME

Share, Deliver,
Publish, Govern,
Collaborate

Data Catalog

Resource Management

Security & Data Privacy

Lifecycle Management

Data Services

Library of
wrappers



Web
automation



Any data
or content



Read
& write

DISPARATE DATA SOURCES



Databases & Warehouses, Cloud/SaaS Applications, Big Data, NoSQL, Web, XML, Excel, PDF, Word...

Preparing A Data Module:

- Define Your Objectives and Set Goals for Data Collection. ...
- Determine Which Social Media Platforms to Collect Data From. ...
- Use Social Media Apis to Streamline Data Collection. ...
- Implement Data Validation and Data Cleansing Techniques. ...
- Ensure Data Privacy and Security. ...
- Analyze and Visualize Data.