



SAP Based Cloud Architecture for E-commerce Client

The above architecture is based on SAP Cloud Tool.

1. We are leveraging the current landscape bringing all data from WordPress Server through API into Data Intelligence. Data Intelligence in the current landscape has capability to connect with more than 150 data-sources and applications.
2. All the security and access for various users will be maintained in the DI only. Here we can apply two way authentication including SSO and user credentials authentication.
CI/CD pipelines to be designed inside DI which will be very helpful if we need to integrate any other application in the future also.
3. All system monitoring can be done inside DI platform as a separate dashboard for monitoring.
4. SAP DI has additional advantage where we can develop or leverage AI/ML models in the system.

5. All the processed or raw data to be pulled inside Hana Cloud Data lake which will act as a data staging layer in the current architectural platform.

This cloud data lake has a capability to stage large volume of data as e-commerce platform are required. This data can be categorized for various business segments or categories based on different schemas eg. Fashion, IT, Gardening etc.

6. The final tool is SAP Analytics Cloud for visualizations where we can display additional KPIs and additional dashboards can be created for monitoring purpose.