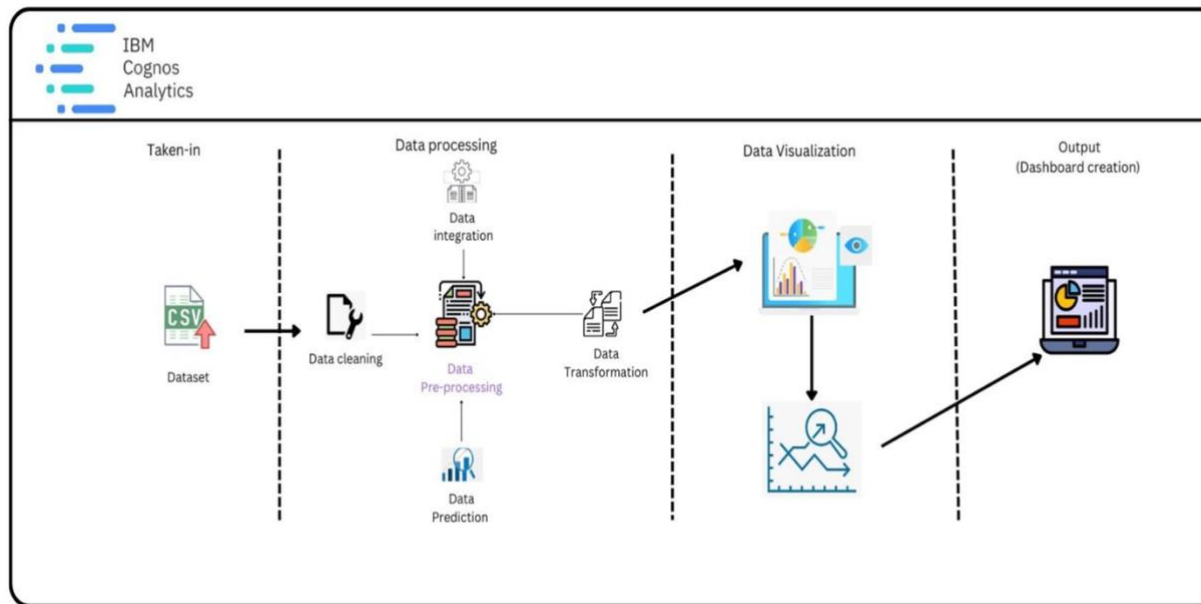


## Project Design Phase-II Technology Stack (Architecture & Stack)

Date	03 October 2022
Team ID	PNT2022TMID12454
Project Name	Project - Retail Store Stock Inventory Analytics
Maximum Marks	4 Marks

### Technical Architecture:



**Table-1: Components & Technologies:**

S.NO	Component	Description	Technology
1.	User Interface	How user interacts with application example Web UI, Mobile App, etc.	HTML, CSS, JavaScript / Angular JS / React JS etc.

2.	Customer Engagement	How the customer searching for his product with his/her unknown deliverables	Chatbots.
3.	Standardization Of Product Prices	Creating sort list based on the rate, features, distance, color.	Smart Search.
4.	Enabling M-Commerce.	By enabling M-commerce even the consumer can become as a prosumer's	Recommendation systems
5.	Utilize The Power of social media.	We should provide the suggestion by the user search and their needs	Social media monitoring
6.	Warehousing fulfilment and shipping	Ensuring the availability of product by their warehouse detail and its shipping information is stored in cloud	Cloud computing
7.	Reliable and Trusted Customer Support.	24/7 customer support will provide a customer satisfaction on their product and resolvent in their problems	Indicator analysis tools
8.	Ensuring Security.	Creating a security wall for accessing the user, with their own identity to be safe without any Fraudulent	Encryption, Hash, Authentication, Firewall

**Table-2: Application Characteristics:**

<b>S.NO</b>	<b>Characteristics</b>	<b>Description</b>	<b>Technology</b>
1.	One-Step Registration.	Providing a authentication step for verifying the user whether he/she or not?	Fingerprints
2.	Super-fast checkout.	Clearing the orders as soon as possible will make the customer satisfaction.	RFID scanner gates
3.	Detailed Product Information.	Maki9ng a detailed information about the product could clear the customer doubts and fulfil the expected information.	Artificial intelligence (AI)
4.	Availability	Knowing the availability of product will show the availability of the product based on the customer location	Location-based marketing
5.	Product Review	For Creating a customer standard will makesuggestion data base for future use	Basic web tool