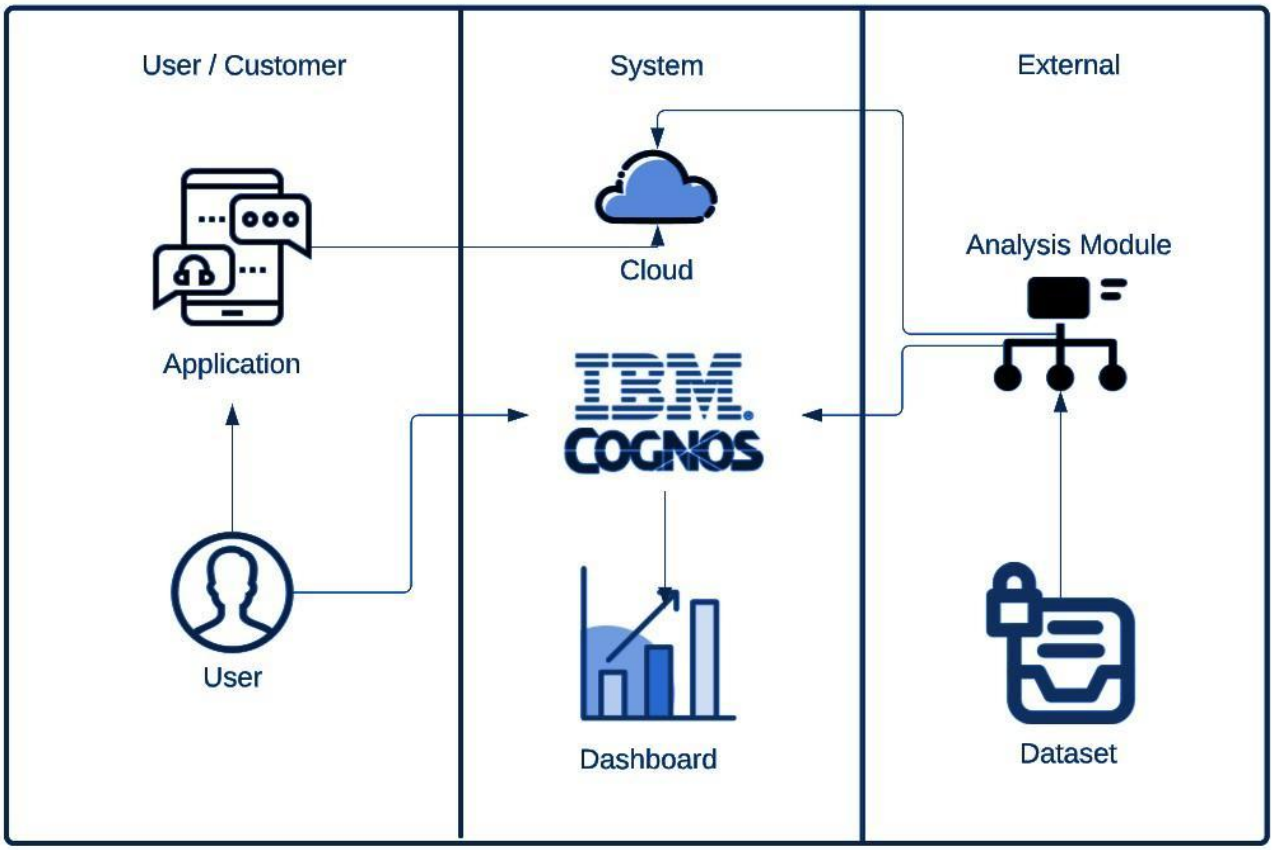
Technical Architecture



Components & Technologies:

S.No	Component	Description	Technology
1	User Interface	How user interacts with application	IBM Cognos Analytics
2	Working with the dataset	Cleaning, extracting process of dataset is done	IBM Cognos Analytics with Watson
3	Data Exploration	Information in the dataset is identified	IBM Cognos Analytics with Watson
4	Data Visualization	Data is represented in form of chart, table and graph in an interactive way	IBM Cognos Analytics with Watson
5	Outcome of analysis process	The user will see the visualization through dashboards, report and story	IBM Cognos Analytics with Watson
6	Cloud Database	Uploaded data are stored in the cloud database (Database Service on Cloud)	IBM DB2, IBM Cloudant
7	File Storage	File storage requirements	IBM Cloud

Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	IBM Cognos, IBM Cloud, IBM Watson
2.	Security Implementations	Secure user information and data	Active Directory
3.	Scalable Architecture	Supports various data sizes	Web 3.0 IBM Cloud
4.	Availability	Multi page layout providing various visualizations of data and provide full support irrespective of platform and device specifications	Cognos Business Intelligence Server
5.	Performance	Withstand huge data and process them without crashing	IBM Cognos, Performance Management Hub