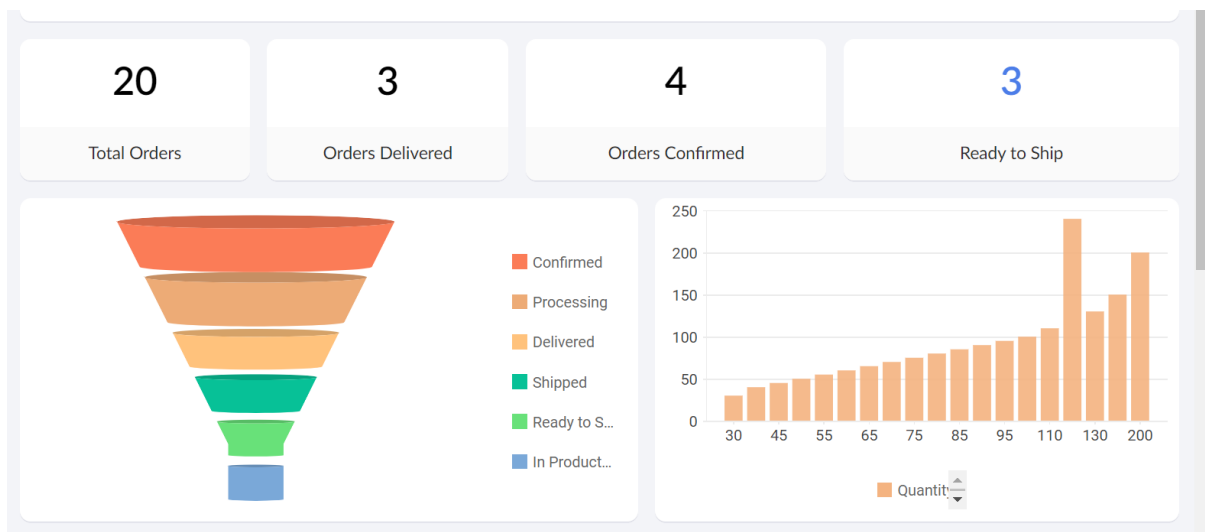EXP NO 2: Create a simple cloud software application for Flight Reservation System using any Cloud Service Provider to demonstrate SaaS

AIM: The aim of this project is to develop a simple cloud software application and provide it as a simple cloud software application for Flight Reservation System using any Cloud Service Provider to demonstrate SaaS. The application will be accessible over the internet, allowing users to utilize its functionality without needing to install or maintain the software on their local machines.

 PROCEDURE:

1. Choose Application: Select a simple software (e.g., task manager).

2. Design & Develop: Create the application with necessary features.

 3. Containerize: Package the application with Docker for easy deployment.

4. Select Cloud Provider: Choose a cloud service provider.

5. Deploy Application: Use the cloud provider's services to host the application.

6. Set Up Domain: Assign a domain name to the application.

7. Implement Security: Ensure SSL/TLS encryption and access control.

8. Monitoring: Set up monitoring tools for performance tracking.

9. Testing: Conduct thorough testing for functionality and security.

10. Result: Users can access and use the application online.

RESULT:

- The task management application is accessible online via a provided domain.

- Users can securely sign up, log in, and manage tasks.

- The application is scalable, reliable, and secure.

- Monitoring ensures smooth operation and quick issue resolution.

- Demonstrates Software as a Service (SaaS) model effectively.