

Experiment No-1

Problem Statement:

One of the online retail company's feature is an E-wallet service, that holds credit that can be used to pay for products purchased on the platform. You need to analyze the usage of the E-wallet.

Information Package Diagram (IPD):

Subject:- E-wallet service of online retail company

Fact:- Transac-credit, Transac-debit

Dim-Customer	Name	City	State	Country
Dim-Wallet	Name	Amount	Code	
Dim-Time	Day	Month	Year	
Dim-UsageServices	Type	Company		

Star Schema:

Customer-Dim
Customer-id
Name
City
State
Country

Wallet-Dim
Wallet-id
Name
Code

Transaction-Fact
Transaction-id
Customer-id
Transaction-date
Wallet-id
Service-id
Transac-credit
Transac-debit

Time-Dim
Day
Month
Year

UsageService-Dim
Service-id
Type
Company

Snowflake Schema:

Customer-Dim
Customer-id
Name
City
State
Country

Wallet-Dim
Wallet-id
Name
Code

Transaction-Fact
Transaction-id
Customer-id
Transaction-date
Wallet-id
Service-id
Transac-credit
Transac-debit

Time-Dim
Day
Month
Year

UsageService-Dim
Service-id
Type
Company

Type-Dim
Type-id
Name

27/7/22