Data Definition: Build content to drive the TDM process

Data Discovery: Identifies the potentially sensitive or Personally Identifiable Information (PII) stored across multiple applications and file formats and provides an accurate picture of the data available, location, and compliance with industry-specific regulations.

Data Subsetting: Creation of smaller copies of data for non-production purposes

Data Masking: Creation of realistic data in non-production environments without risking exposure of sensitive information to unauthorized users and compliance to security guidelines (PII , MNPI, HIPPA, PHI, and so on) without impacting the development process

Data Validation: To ensure data accuracy, completeness, and compliance of TDM processes

Data Reuse—Data can be stored and reused in different cycles

Data Refresh—This is to keep the test environment up-to-date (an ongoing process)

A typical TDM architecture comprises test data sources, synthetic test data generation, a TDM engine with the TDM tool, data subsetting, and...

**TEST MATCHING**

Create or replace View web\_user

(id, first\_name, last\_name,email,card\_number,credit\_card\_type,web\_user\_name)

as

Select p.id,p.first\_name,p.last\_name,p.email,c.card\_number Credit\_card\_number, c.TYPE credit\_card\_type,a.web\_user\_name access\_controls\_web\_user\_name

from people p

left outer join credit\_cards c

on c.peo\_id = p.id

left outer join access\_controls a

on a.peo\_id = p.id; Create or replace View web\_user

(id, first\_name, last\_name,email,card\_number,credit\_card\_type,web\_user\_name)

as

Select p.id,p.first\_name,p.last\_name,p.email,c.card\_number Credit\_card\_number, c.TYPE credit\_card\_type,a.web\_user\_name access\_controls\_web\_user\_name

from people p

left outer join credit\_cards c

on c.peo\_id = p.id

left outer join access\_controls a

on a.peo\_id = p.id;

IN Data Target

Create table test\_mart\_web\_user

(

id number(10,0),

first\_name varchar2(40),

last\_name varchar2(40),

email varchar2(40),

card\_number varchar2(30),

“TYPE” varchar2(2),

Web\_user\_name varchar2(10),

Test\_name varchar2(250));