**Scripts and Database setup**

1. Create table Adult as follows:

CREATE TABLE IF NOT EXISTS public.adult

(

age real,

workclass text COLLATE pg\_catalog."default",

fnlwgt real,

education text COLLATE pg\_catalog."default",

education\_num real,

marital\_status text COLLATE pg\_catalog."default",

occupation text COLLATE pg\_catalog."default",

relationship text COLLATE pg\_catalog."default",

race text COLLATE pg\_catalog."default",

sex text COLLATE pg\_catalog."default",

capital\_gain real,

capital\_loss real,

hours\_per\_week real,

native\_country text COLLATE pg\_catalog."default",

economic\_indicator text COLLATE pg\_catalog."default"

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.adult

OWNER to postgres;

1. Import data from adult.csv file using the Import Wizard
2. Create target view as follows:

CREATE VIEW married AS

SELECT \* FROM Adult

where marital\_status IN (' Married-AF-spouse', ' Married-civ-spouse', ' Married-spouse-absent',' Separated');

1. Create reference view as follows:

CREATE VIEW unmarried AS

SELECT \* FROM Adult WHERE marital\_status IN (' Never-married', ' Widowed',' Divorced');