

Scripts and Database setup

1. CREATE DATABASE seeDB;
2. 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;
```

3. Import data from adult.csv file using the Import Wizard
4. 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');
```

5. Create reference view as follows:

```
CREATE VIEW unmarried AS
```

```
SELECT * FROM Adult WHERE marital_status IN (' Never-married', ' Widowed', ' Divorced');
```