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*****
* Module 8: Portfolio Project *
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* MIS500 - Foundations of Data Analytics *
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*****;
```

```
LIBNAME CDATA '/folders/myfolders/sasdata';
LIBNAME PUF67 '/folders/myfolders/sasdata';
```

```
*TW-SETTING ER VISIT OUTPUT;
```

```
PROC FORMAT;
```

```
VALUE EREXP 0='ER_YES' 1='ER_NO';
```

```
RUN;
```

```
DATA STAZ2003;
```

```
SET CDATA.H77D (KEEP=DUPERSID IPTC03X ERHEVIDX IPXP03X IPFXP03X IPDXP03X PERWT03F VARSTR VARPSU);
```

```
***TW-PATIENT ID (PID),TOTAL CHG FOR EVENT - This is my primary variable, EMER RM VISIT ID, TOT EXP FOR EVENT, FACILITY SUM PA  
VARIANCE ESTIMATION STRATUM, VARIANCE ESTIMATION PSU***;
```

```
IF ERHEVIDX NE -1 THEN
```

```
ER_FACEX=0;
```

```
ELSE
```

```
ER_FACEX=1;
```

```
LABEL ER_FACEX='=0 IF INCLUDES ER FACILITY EXP';
```

```
RUN;
```

```
*TW-This will show the average total cost for patients. It shows the total number of visits with an average of $22989 per visit;
```

```
PROC SURVEYMEANS DATA=STAZ2003 NOBS SUMWGT MEAN;
```

```
VAR IPTC03X;
```

```
DOMAIN ER_FACEX; *TW-This shows the average cost and number of visits based on if the patient was in the ER;
```

```
RUN;
```

```
PROC SUMMARY PRINT DATA=STAZ2003;
```

```
VAR IPTC03X;
```

```
RUN;
```

```
PROC TTEST DATA=STAZ2003 H0=4;var IPTC03X;
```

```
Title 'Two-Sample t-Test';
```

```
RUN;
```