```
*;
*;
* Kings County House Sales - Examining Your Data PROC Univariate;
*;
*    ods graphics on;
*;
*options ls=80 ps=50 nodate pageno=1;
*;
ods pdf
file="\\Mac\Home\Downloads\kc_house_data_Lot_Univariate_MinusOutliers_1K.pdf"
;

Title 'Kings County House Sales Univariate Results';
*;
* Input Kings County House Sales ;
*;
*Data kc_house_5K;
proc import
datafile="\\Mac\Home\Downloads\kc_house_data_1K_new_LotPriceOutliersRemoved.c
sv"
        out=kchousesales1K
        dbms=csv
        replace;

    *getnames=no;
run;
*proc print data=work.kchousesales5K;
*;
* Proc Univariate - Metric Variables - Price Bedrooms Bathrooms sqft_living
sqft_lot Floors Grade sqft_above sqft_basement Lat;
* Long sqft_living15 sqft_lot15;
*;
*Proc Univariate Data = kchousesales1K Normal Plot;
*     Var Price sqft_living sqft_lot sqft_basement sqft_living15 sqft_lot15
Age_At_Sale;
*;
Proc Univariate Data = kchousesales1K Normal Plot;
    Var sqft_lot sqft_lot15;
*;
* Proc Boxplot - for outlier
identification**********************************************;
*Proc Sort Data = kchousesales1K;
*    By Zipcode;
*;
/*proc boxplot data=kchousesales1K;
     plot Price /
        boxstyle = schematic
        horizontal;
            outbox   = OilSchematic;*/
*;
* Proc Univariate - By Nonmetric Variables Multi-Storey House for Metric
Variable Price;
*;
*Proc Sort Data = kchousesales1K;
*    By Zipcode;
*;
*Proc Univariate Data = kchousesales1K Normal Plot;
```

```
*     Var Price;
*     By Zipcode;
*     ID Zipcode;
*;
*   Only Var X7 By X1 Illustrated ;
*;
/*Proc Sort Data = HBAT;
    By X1;*/
*;
/*Proc Univariate Data = HBAT Normal Plot;
    Var X9;
       By X1;
       ID X1;*/
*;
*;
*;
* GLM ANOVA Analysis ;
*;
*   Only Var X6 By X1 Illustrated ;
*;
*Proc GLM Data = kchousesales1K;
*    Class Zipcode;
*     Model Price = Zipcode;
*     Means Zipcode;
*     Means Zipcode / hovtest = levene hovtest = bf hovtest = bartlett;
*;
*;
*   Only Var X7 By X1 Illustrated ;
*;
/*Proc GLM Data = HBAT;
    Class X1;
       Model X9 = X1;
       Means X1;
       Means X1 / hovtest = levene hovtest = bf hovtest = bartlett;*/
*;
*;
*;
*     ods graphics off;
*;
*;
Run;
Quit;


ods pdf close;
```