

```

*;
*;
* 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_sales_1K_ScatterMatrix_Output.pdf";

Title 'Kings County House Sales ScatterMatrix Results';
*;
* Input Kings County House Sales ;
*;
*Data kc_house_5K;
proc import datafile="\\Mac\Home\Downloads\kc_house_data_1K_new.csv"
    out=kchousesales1K
    dbms=csv
    replace;

    *getnames=no;
run;
*proc print data=work.kchousesales1K;
*;
* 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 = kingscountyhousesales500 Normal Plot;
*    Var Price Bedrooms Bathrooms sqft_living sqft_lot Floors Grade
sqft_above sqft_basement Lat Long sqft_living15 sqft_lot15;
*    Var Price sqft_living sqft_lot sqft_above sqft_basement sqft_living15
sqft_lot15;
*;
proc sgscatter data=kchousesales1K;
    *title "Scatterplot Matrix for Kings County House Data";
    matrix Price Bedrooms Bathrooms sqft_living sqft_lot Floors sqft_basement
sqft_living15 sqft_lot15 Age_At_Sale
        / diagonal=(histogram normal);
*run;
*title;
*;
* Proc Univariate - By Nonmetric Variables X1-X5 for All Metric Variables X6
- X22;
*;
*    Only Var X6 By X1 Illustrated ;
*;
/*Proc Sort Data = HBAT;
    By X1;*/
*;
/*Proc Univariate Data = HBAT Normal Plot;
    Var X8;
    By X1;
    ID X1;*/
*;
*    Only Var X7 By X1 Illustrated ;

```

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*;
/*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 = HBAT;
    Class X1;
    Model X8 = X1;
    Means X1;
    Means X1 / 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;

```