**Project code**

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MIS581 Enterprise Performance Management

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Project Code

/\* Generated Code (IMPORT) \*/

/\* Source File: Tellurium Resources.xlsx \*/

/\* Source Path: /home/u47562695/sasuser.v94 \*/

/\* Code generated on: 9/9/23, 8:15 PM \*/

%web\_drop\_table(WORK.IMPORT);

FILENAME REFFILE '/home/u47562695/sasuser.v94/Tellurium Resources.xlsx';

PROC IMPORT DATAFILE=REFFILE

DBMS=XLSX

OUT=WORK.IMPORT;

GETNAMES=YES;

RUN;

PROC CONTENTS DATA=WORK.IMPORT; RUN;

%web\_open\_table(WORK.IMPORT);

/\* Create a dataset with the weight of Tellurium \*/

data WeightData;

input Material $ Weight;

datalines;

tellurium 107.619111

;

run;

/\* Specify the population mean for comparison \*/

%let PopulationMean = 1476179.62;

/\* Specify the null hypothesis in the DATA step \*/

data WeightData;

set WeightData;

h0 = &PopulationMean;

run;

/\* Perform the two-sample t-test \*/

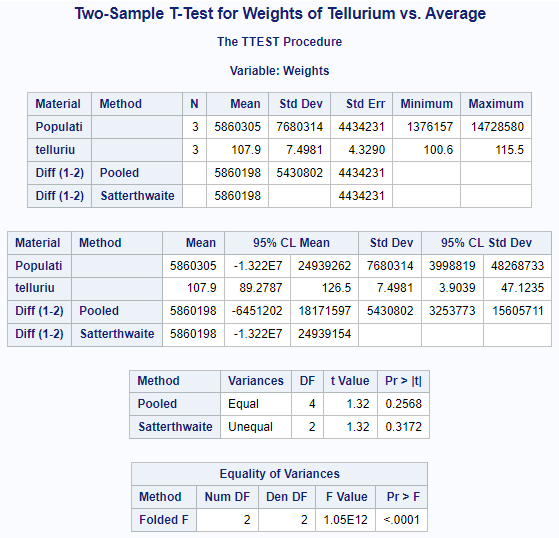
proc ttest data=WeightData;

class Material;

var Weight;

title 'Two-Sample T-Test for Tellurium vs. Average Weight';

run;

****

/\* Create a dataset with grading values for Tellurium and Copper \*/

data GradingData;

input Material $ GradingValue;

datalines;

Tellurium 0.0412

Copper 0.447

Tellurium 0.033

Copper 0.076

Tellurium 0.156

Copper 0.392

;

run;

/\* Perform a two-sample t-test \*/

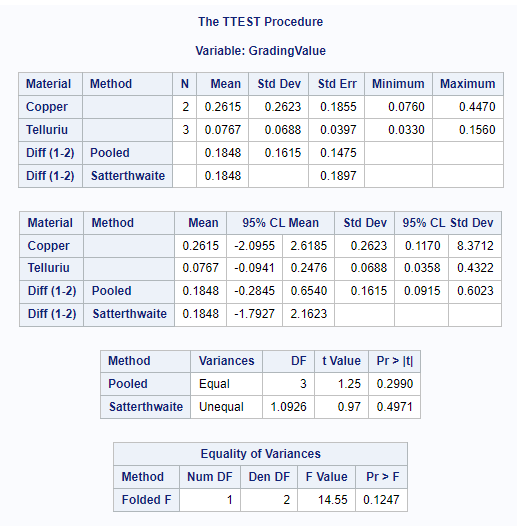
proc ttest data=GradingData;

class Material;

var GradingValue;

title 'Two-Sample T-Test for Grading Values of Tellurium vs. Copper';

run;

**

/\* Create a dataset with age data for the Tellurium mine \*/

data MineAgeData;

input Age;

datalines;

92

91

93

91

92

94

;

run;

/\* Set the null hypothesis mean \*/

%let NullMean = 70;

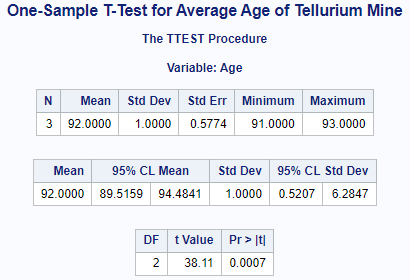
/\* Perform a one-sample t-test \*/

proc ttest data=MineAgeData h0=&NullMean;

var Age;

title 'One-Sample T-Test for Average Age of Tellurium Mine';

run;

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