

Statistical Programming Assignment 7

Sai Kumar Murarishetti
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Output for the given code:

```
Project Files v
tables.py x
Run tables x
C:\Users\17738\PycharmProjects\pythonProject\venv\Scripts\python.exe C:\Users\17738\PycharmProjects\pythonProject\tables.py
DATA-51188, FALL-2023
Sai Kumar Murarishetti
PROGRAMMING ASSIGNMENT #7

*** Table 1 - Descriptive Statistics of HINCP, grouped by HHT ***
              mean      std count   min   max
HHT - Household/family type
Married couple household      106790.565562  100888.917804  25495  -5100  1425000
Nonfamily household:Male householder:Not living alone      79659.567376  74734.380152  1410    0  625000
Nonfamily household:Female householder:Not living alone      69055.725901  63871.751863  1193    0  645000
Other family household:Male householder, no wife present      64023.122122  59398.970193  1998    0  610000
Other family household:Female householder, no husband present      49638.428821  48004.399101  5718  -5100  609000
Nonfamily household:Male householder:Living alone      48545.356298  60659.516163  5835  -5100  681000
Nonfamily household:Female householder:Living alone      37282.245015  44385.091076  8024 -11200  676000

*** Table 2 - HHL vs. ACCESS - Frequency Table ***
              WGTP
ACCESS      Yes w/ Subsrc.  Yes wo/ Subsrc.   No    All
HHL-Household Language
English only      58.71%      2.93%  16.87%  78.51%
Spanish           7.83%      0.52%   2.60%  10.95%
Other Indo-European languages      5.11%      0.18%   1.19%   6.48%
Asian and Pacific Island languages      2.73%      0.06%   0.28%   3.08%
Other language      0.80%      0.03%   0.14%   0.97%
All                75.19%      3.73%  21.08%  100.00%

*** Table 3 - Quantile Analysis of HINCP - Household income (past 12 months) ***
```

pythonProject > tables.py 100:18 CRLF UTF-8 4 spaces Python 3.11 (pythonProject)

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```
Project Files ▾ tables.py ×
(t02v)

Run tables ×

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WOTP
ACCESS
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Asian and Pacific Island languages  2.73%      0.06%   0.28%   3.08%
Other language        0.80%      0.03%   0.14%   0.97%
All                   75.19%      3.73%  21.08% 100.00%

*** Table 3 - Quantile Analysis of HINCP - Household income (past 12 months) ***
min      max      mean household_count
HINCP
low    -11200    37200  19599.486904      1629499
medium 37210     81500  57613.846298      1575481
high   81530    142500 159047.588900      1578445

Process finished with exit code 0

honProject > tables.py 100:18 CRLF UTF-8 4 spaces Python 3.11 (pythonProject)
```