PB AF 527 Quantitative Methods I

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Office Hours Location PAR 305
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Week 1
SPSS Options

- Computer Labs computers.
- CSDE Account
- Purchase from University Bookstore
Guide to set up (after you have your CSDE account).
I went to the data dictionary to select some variables

- Q2P14 What is your marital status?
- Universe: AGE > 16
- Values:
  1. Married
  2. Divorced
  3. Separated
  4. Widowed
  5. Never Married
- What type of variable is this?
I went to the data dictionary to select some variables

- Q2P14 What is your marital status?
- Universe: $\text{AGE} > 16$
- Values:
  - 1. Married
  - 2. Divorced
  - 3. Separated
  - 4. Widowed
  - 5. Never Married
- What type of variable is this?
- Discrete
I went to the data dictionary to select some variables

- **Q6P1** How much did you earn from your longest job in 2009, before taxes and other deductions? Include all tips, bonuses, overtime pay or commissions.
- **Universe:** Q5P1 ≥ 1
- **Values:** $0-$1,00,000
- **What type of variable is this?**
I went to the data dictionary to select some variables

- Q6P1 How much did you earn from your longest job in 2009, before taxes and other deductions? Include all tips, bonuses, overtime pay or commissions.
- Universe: Q5P1 ≥ 1
- Values: $0-$1,00,000
- What type of variable is this?
- Continuous
Some variable follow-up

- Q5P1 During 2009, in how many weeks did you have a job for pay?
- Universe: AGE $\geq 15$ and ((q4p6a in (1,4,5) and q4p6=1) or q4p38=0)
- Values: 0-52
- This can sometimes be a rabbit hole, but it’s important to know what subpopulation you are drawing from.
Back to SPSS
### Some SPSS Output

#### DOLLAR AMNT FROM JOB HELD LONGEST IN 09

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Valid 4495, Missing 9625</td>
</tr>
<tr>
<td>Mean</td>
<td>52697.8792</td>
</tr>
<tr>
<td>Std. Error of Mean</td>
<td>864.31234</td>
</tr>
<tr>
<td>Median</td>
<td>43500.0000</td>
</tr>
<tr>
<td>Mode</td>
<td>50000.00</td>
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<tr>
<td>Std. Deviation</td>
<td>57947.61447</td>
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<tr>
<td>Variance</td>
<td>3357926023</td>
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<tr>
<td>Skewness</td>
<td>7.960</td>
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<tr>
<td>Std. Error of Skewness</td>
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<tr>
<td>Range</td>
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<tr>
<td>Minimum</td>
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<tr>
<td>Maximum</td>
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<tr>
<td>Sum</td>
<td>236876967.0</td>
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<tr>
<td>Percentiles 25</td>
<td>19300.0000</td>
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<tr>
<td>50</td>
<td>43500.0000</td>
</tr>
<tr>
<td>75</td>
<td>70000.0000</td>
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</tbody>
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