**BIVARIATE CATEGORICAL DATA ANALYSIS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Experience** | **Male** | **Female** | **Total** |
| **Never had a part-time job** | 21 | 31 |  |
| **Had a part-time job during summer only** | 15 | 13 |  |
| **Had a part-time job but not only during summer** | 12 | 8 |  |
| **Total** |  |  |  |

This is a table that presents data from a survey of 100 high school seniors regarding their job experience.

What numerical analysis could be done to explore the data?

What graphical representations could we make to display our numerical analyses?

Next we are going to transition to looking at whether there’s a relationship, or **association,** between gender and job experience for the students in this sample, or if they are independent of one other.

*Is there an association between gender and job experience for the students in this sample? Justify your response.*