* Begin your report to by first providing an overview of the database, such as a story about the characteristics with the types of variables included

**Discuss the following in your report**

* What is the distribution of individuals by gender?
* What is the “length of sentence” distribution by gender?
* What percentage of the survey participants engaged in each type of crime?
* What is the sample mean for sentence satisfaction by gender?
* What is the probability that an individual will be between 16 and 21 years of age?
* **What is the probability that an individual’s satisfaction with the criminal justice system score is 5.2 or lower?**
* What is the probability that an individual will be a female and convicted of homicide?
* What is the probability that an individual will be in a state facility and whose legal satisfaction value is 5 or more?

.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Gender** | **Age** | **Type of Offense** | **Facility** |  **Length of Sentence** | **CJ System** | **Legal Services** | **Sentence Satisfaction** | **Incarceration Services** |
| 1 | 3 | 3 | 1 | 1 | 4.2 | 6.2 | 5.5 | 4.7 |
| 1 | 1 | 1 | 1 | 3 | 4.5 | 4.2 | 3.6 | 3.2 |
| 1 | 1 | 1 | 2 | 1 | 6.5 | 6.2 | 3.8 | 5.1 |
| 1 | 2 | 2 | 1 | 2 | 5 | 4.3 | 5.6 | 5.3 |
| 1 | 1 | 3 | 2 | 3 | 6.4 | 3.2 | 5.5 | 5.7 |
| 2 | 1 | 3 | 1 | 1 | 5.1 | 4.5 | 4.4 | 5.5 |
| 2 | 2 | 2 | 2 | 3 | 5.3 | 4.7 | 3.1 | 5.2 |
| 2 | 1 | 1 | 1 | 1 | 3.7 | 5.3 | 6.9 | 5.1 |
| 2 | 3 | 3 | 1 | 3 | 5.5 | 4.9 | 4.6 | 5.6 |
| 2 | 2 | 1 | 2 | 3 | 5.3 | 3.4 | 6.8 | 5.5 |
| 2 | 3 | 3 | 1 | 1 | 5.2 | 5.5 | 5.5 | 5.9 |
| 2 | 3 | 2 | 1 | 1 | 5.1 | 5.8 | 3.8 | 5.2 |
| 2 | 2 | 1 | 1 | 3 | 6.5 | 6.2 | 3.2 | 5.3 |
| 2 | 2 | 2 | 2 | 2 | 5.3 | 4.2 | 4.6 | 4.7 |
| 2 | 1 | 3 | 2 | 1 | 5.9 | 5.7 | 6.5 | 5.4 |
| 2 | 1 | 1 | 1 | 3 | 6.8 | 6.4 | 6.1 | 4.2 |
| 2 | 3 | 3 | 1 | 1 | 5.1 | 3.7 | 3.9 | 3.2 |
| 2 | 2 | 1 | 2 | 2 | 5.7 | 6.2 | 4.6 | 6 |
| 2 | 1 | 2 | 2 | 2 | 6.2 | 6.5 | 5.5 | 5.7 |
| 2 | 3 | 2 | 1 | 2 | 4.3 | 5.1 | 4.4 | 5.6 |
| 2 | 2 | 3 | 2 | 2 | 4.5 | 6.2 | 4.7 | 5.4 |
| 2 | 2 | 1 | 1 | 3 | 5.9 | 6.3 | 6.2 | 4.3 |
| 2 | 3 | 1 | 2 | 1 | 5.4 | 6.3 | 4.7 | 6.2 |
| 2 | 1 | 3 | 2 | 2 | 6.9 | 5.2 | 5.5 | 6.3 |
| 2 | 2 | 2 | 2 | 1 | 5.6 | 4.6 | 4.8 | 5.6 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Key to Criminal Justice Satisfaction Survey** |
| **Gender** |
| 1 | Female |
| 2 | Male |
| **Age** |
| 1 | 16 - 21 |
| 2 | 22 - 49 |
| 3 | 50 - 65 |
| **Type of Crime**  |
| 1 | Homicide |
| 2 | Robbery |
| 3 | Burglary |
| **Facility** |
| 1 | Federal Prison |
| 2 | State Prison |
| **Length of Sentence** |
| 1 | Less than 2 years |
| 2 | 2 to 5 years |
| 3 | Over 5 Years |
| **CJ System** | *Scale from 1-7* |
|   | 1 = Least Satisfied |
|   | 7 = Most Satisfied |
| **Legal Services** | *Scale from 1-7* |
|   | 1= Least Satisfied |
|   | 7= Most Satisfied |
| **Sentence** | *Scale from 1-7* |
|   | 1 = Least Satisfied |
|   | 7 = Most Satisfied |
| **Incarceration Services** | *Scale from 1-7* |
|   | 1= Least Satisfied |
|   | 7= Most Satisfied |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |