Descriptive Statistics

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In this assignment we will discuss the data provided in the article *White House Falsely Claims Trump Has Created More Jobs for Black Americans Than Obama Did.* (2019) Published in the Newyork Times. According to the report the Trump government claimed that we had created three times more jobs for African-Americans than Obama's government. However, the statistics show that the unemployment rate in African-Americans was about 10 percent when Obama’s government took charges. African-Americans comprised a large portion of the country population. They are highly ignored by the government and pulled back to the darkness from many centuries. It has a negative impact on the country's overall economic, and political situations. The new governments of the country have focused on this issue, and they are seriously coping with this issue. Trump government had claimed that they had increased the employment level of black Americans three times from Obama's era. Moreover, he claimed that they had created more than 700,000 jobs for the black community of the country. However, their initial claim was rejected by business experts and declared it as a false claim. The government officials have apologized for the wrong statement due to the confusion in the data.

It raised to 16.8 by March 2018, the highest unemployment rate of black Americans in Obama’s government. However, the unemployment reduced after touching its peak value, and at the end of Obama's tenure, it was nearly 7 percent. During the Trump government, the unemployment level in African-Americans reduced up to 6.6 percent. The data could be either misinterpreted by Trump government because at the mid of Obama’s tenure it was about 17 percent, which is now reduced up to 6.6 percent. Trump government has also claimed that they have produced about 708,000 jobs so far for African-Americans. The given data suggests that the unemployment of black Americans has been controlled during the Obama government.

In this article, the descriptive statistics were used to analyze the wide range of data. The data were analyzed by using simply utilizing the variety of highest and lowest value in this article. This article would be more authentic if they would use the measure of central tendency. I calculated the mean, mode, and median of the provided data. The mean of the data was 11.5 percent, which shows that during the last ten years the unemployment was approximately 11.5 percent. The data suggest that mostly the unemployment rate remained near to the value of the mean. Moreover, the mode of the provided data suggests was 8.4 which indicates that this value occurred many times during ten years. The data was misinterpreted because the Trump government claimed that they had declined the unemployment rate in black Americans by three times of Obama's government, which were the wrong calculations of the statisticians of the government. The findings of the new government were to somewhat subtle, in previous government it reached to the highest value of 17 percent. So 6.6 is almost three times of 17 percent.

 This article revealed important information regarding the employment rate of black Americans. The employment level of the African-Americans is raising with time, Obama belonged to the same race, so he did remarkable work for the uplifting of this community. People's perceptions regarding Trump presidency were not good, people from other ethnic groups and races felt unsecured at the beginning. However, he worked on the uplift of the African-American community and had two claims. First, they created 700,000 jobs for black Americans, second, they created three times more jobs for the said community during his short time. This article aimed to discuss the clarification for these claims. The government officials apologized for the second claim of the creation of three times more jobs than Obama’s era for black Americans. While the government confirmed the initial claim of creating 708,000 jobs for African-Americans. Trump's government had some misconceptions, and the data might interpret wrong. The government compared the rate of unemployment in the current government with the highest value of the Obama government.

 The article used simple range and calculations which created problems, and the initial statement of the president was rejected. For fair analysis the government has to use all the techniques of statistics such as measures of Frequency, measures of central tendency, measures of dispersion or variation - range, variance, standard deviation, and measures of position - percentile, and quartiles. All these measures provide precise and reliable information about big data. The data used in this article is given as under.

Table 1Employment of African Americans

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** |
| **2008** | 9.1 | 8.4 | 9.2 | 8.6 | 9.6 | 9.4 | 10.0 | 10.6 | 11.3 | 11.4 | 11.5 | 12.1 |
| **2009** | 12.7 | 13.7 | 13.7 | 15.0 | 15.0 | 14.8 | 14.8 | 14.8 | 15.3 | 15.8 | 15.7 | 16.1 |
| **2010** | 16.5 | 16.1 | 16.8 | 16.6 | 15.5 | 15.2 | 15.6 | 15.9 | 16.0 | 15.6 | 16.2 | 15.5 |
| **2011** | 15.8 | 15.5 | 15.8 | 16.5 | 16.3 | 16.2 | 15.9 | 16.4 | 15.9 | 14.6 | 15.6 | 15.4 |
| **2012** | 13.6 | 14.0 | 14.0 | 13.3 | 13.5 | 14.5 | 14.2 | 13.8 | 13.6 | 14.1 | 13.3 | 14.0 |
| **2013** | 13.7 | 13.8 | 13.0 | 13.3 | 13.4 | 14.2 | 12.6 | 12.8 | 13.0 | 12.8 | 12.3 | 11.9 |
| **2014** | 12.1 | 11.8 | 12.1 | 11.6 | 11.4 | 11.0 | 11.6 | 11.4 | 11.0 | 10.6 | 10.9 | 10.6 |
| **2015** | 10.3 | 10.1 | 9.9 | 9.8 | 10.3 | 9.6 | 9.1 | 9.4 | 9.3 | 8.9 | 9.4 | 8.5 |
| **2016** | 8.8 | 8.6 | 8.9 | 8.9 | 8.2 | 8.7 | 8.4 | 8.0 | 8.4 | 8.3 | 8.0 | 7.9 |
| **2017** | 7.7 | 8.0 | 7.9 | 7.9 | 7.7 | 7.1 | 7.4 | 7.6 | 7.1 | 7.3 | 7.3 | 6.7 |
| **2018** | 7.7 | 6.8 | 6.8 | 6.5 | 5.9 | 6.5 | 6.6 | 6.3 | 6.0 | 6.2 | 6.0 | 6.6 |
|

|  |  |
| --- | --- |
| **Median** | **11.6** |
| **Mean** | **11.5** |
| **Mode** | **8.4** |

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**References**

*White House Falsely Claims Trump Has Created More Jobs for Black Americans Than Obama Did*. (2019). *Nytimes.com*. Retrieved 17 February 2019, from https://www.nytimes.com/2018/08/14/us/politics/fact-check-trump-jobs-black-americans.html?rref=collection%2Ftimestopic%2FBureau%20of%20Labor%20Statistics