

ANALYSIS^{WITH} PROGRAMMING

cout << "let's do some analysis and programming" << endl;

<http://alstatr.blogspot.com/>

MEAN AND MEDIAN

R Programming

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Mean in R is computed using the function `mean`. Consider the scores of 20 MSU-IIT students in Stat 101 exam with hundred items: 70, 78, 66, 65, 50, 53, 48, 88, 95, 80, 85, 84, 81, 63, 68, 73, 75, 84, 49, and 77. Compute and interpret the mean and median.

```
> scores <- c(70, 78, 66, 65, 50, 53, 48, 88, 95, 80,
+            85, 84, 81, 63, 68, 73, 75, 84, 49, 77)
> mean(scores)
[1] 71.6
>
> median(scores)
[1] 74
```

Interpretation: Therefore, the average score of the students is 71.6, and half of their scores are less than or equal to 74, while the other half are greater than 74.

Labels

Descriptive Statistics, R, Tutorial