Airline_hmwrk

D. ODay

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Week 2

Practive Assessment

```
airline <- read.delim("~/Documents/GitHub/school_cu/school_cu/methods for quality improvement/DTSA5704_

require(lolcat)
```

```
## Loading required package: lolcat
```

```
## lolcat 2.0.0
```

1. descriptive stat of mean: $\bar{X}$
2. descriptive stat of median: $\sim X$ (Population is M)
3. descriptive stat of IQR: IQR
4. descriptive stat of Skewness: g_3
5. descriptive stat of kurtosis: g_4
6. parameter symbol variance: σ^2
7. parameter symbol skewness: γ_3
8. parameter symbol kurtosis: γ_4

```
mean(airline$Price)
```

```
## [1] 1622.114
```

```
var(airline$Price)
```

```
## [1] 76308.85
```

```
IQR(airline$Price)
```

```
## [1] 370.9725
```

```
rng = range(airline$Price)
rng[2] - rng[1]
```

```
## [1] 2125.05
```

```
skewness(airline$Price)
```

```
## [1] -0.02520551
```

```
kurtosis(airline$Price)
```

```
## [1] 0.02976152
```