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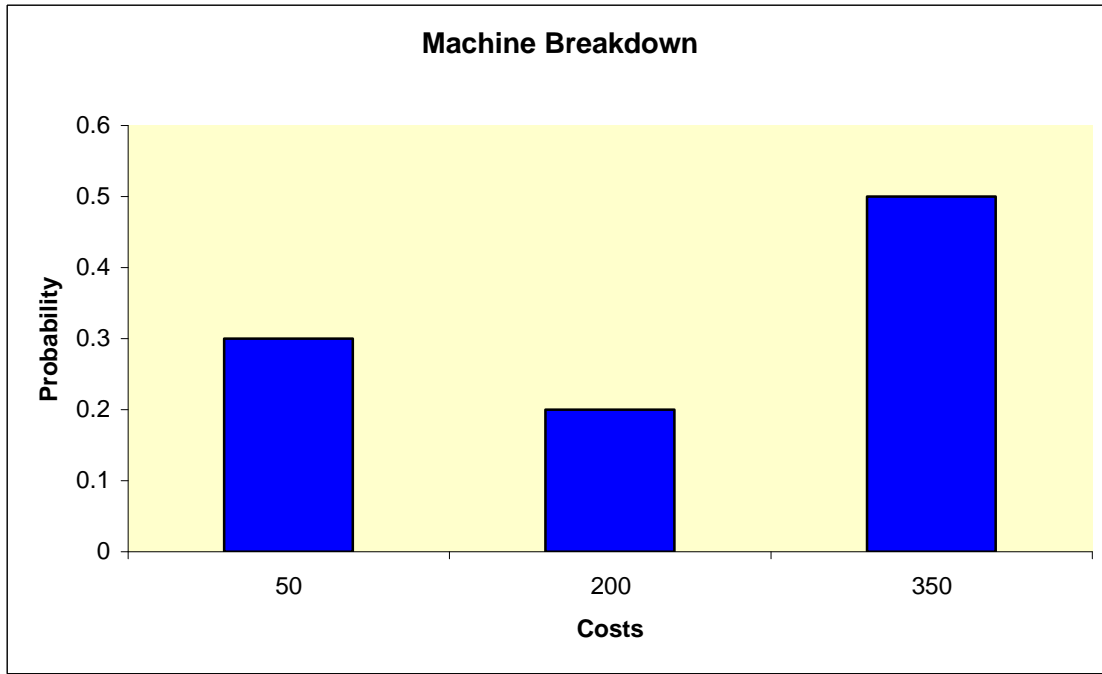
Rvar is a simple program to compute a Random Variable. Rvar will take any number of items and return the mean, variance, and standard deviation.

The following chart contains the data for the example.

Machine Breakdown

$X = 50, 250, 350$

.

Enter the number of items to solve for

```
How many items are in your
list?  3

Enter values for Xi:
```

Enter the values of P in order.

```
How many items are in your
list?  3

Enter values for Xi:
 50
 200
 350
Enter values for Pi:
 .3
 .2
 .5
```

Enter the values of X in order.

```
How many items are in your
list?  3

Enter values for Xi:
 50
 200
 350
```

The results are displayed.

```
Mean = 230

Variance = 17100
Standard Dev = 130.766968
```