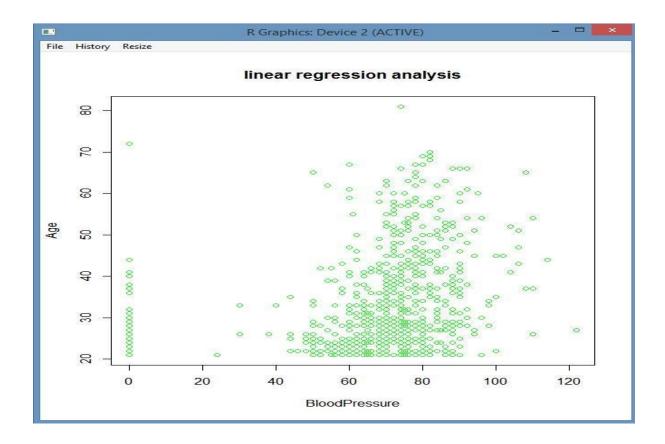
# **EXPERIMENT-4**

# **REGRESSION ANALYSIS USING R TOOL**

# **OUTPUT**:

### **LINEAR REGRESSION:**



```
Console ~/ 🖒
6: In title(...): "abline" is not a graphical parameter
> A<-data.frame(diabetes$Age)
> result<-predict(relation,A)
> print(result)
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75.71244 68.22204 68.61627 64.27972 69.01050 67.82781 66.25088 67.43358 76.89514
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77. 28937 67. 82781 69. 40474 78. 47207 79. 26053 76. 10668 68. 61627 68. 22204 68. 22204
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69.01050 68.61627 66.64511 75.71244 72.16436 67.43358 76.10668 72.16436 72.95282
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64.67395 78.47207 70.98166 79.65476 67.03935 64.67395 67.03935 73.74129 69.01050
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69.79897 74.13552 66.64511 78.07783 66.25088 70.58743 74.92398 77.28937 71.77013
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65.85665 67.43358 64.67395 68.22204 65.46242 64.67395 66.25088 67.82781 78.86630
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### **MULTIPLE REGRESSION:**

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Console -/ Definition of the state of the st
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