Lead IQ data set description

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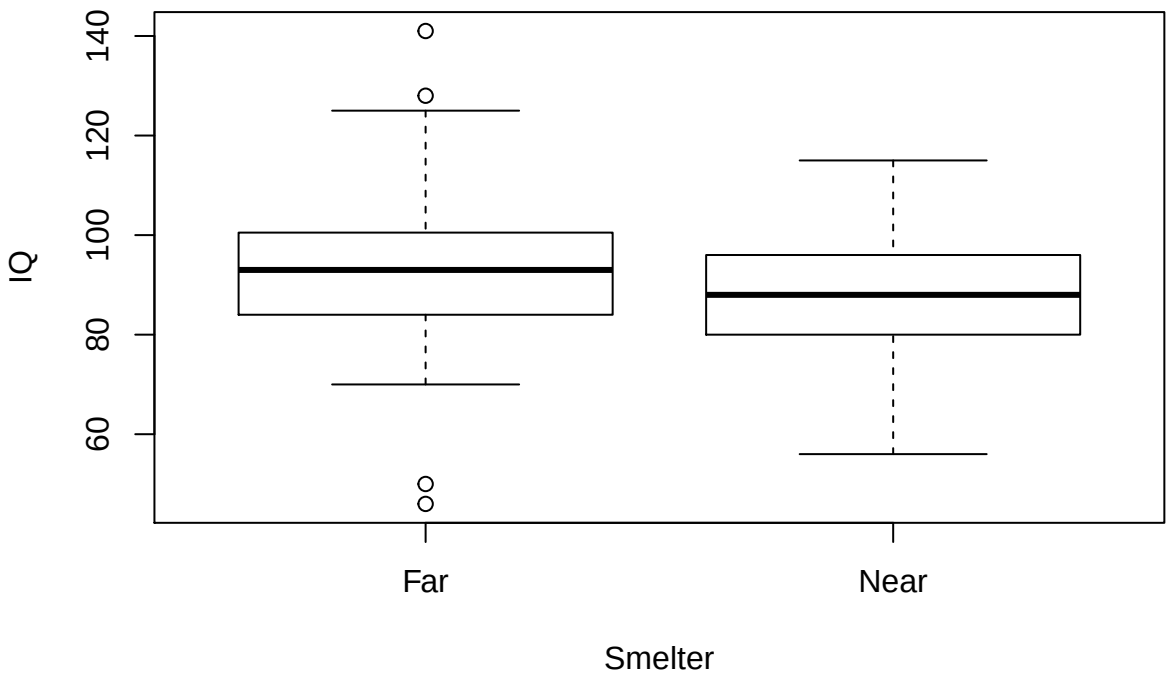
```
library(knitr)
dataset=read.csv('C:/UCHealth/FALL 2022/BIOS 6621 Statistical Consulting I/Week 6/lead-iq-01.csv')
dataset$IQ[which(dataset$IQ == 999)] <- 99
boxplot(IQ ~ Smelter, data = dataset)
```




```
kable(table(dataset$IQ, dataset$Smelter))
```

	Far	Near
46	1	0
50	1	0
56	0	1

	Far	Near
70	1	0
71	0	1
72	2	0
73	0	1
74	0	1
75	1	2
76	3	3
77	1	2
78	1	1
79	2	0
80	2	4
82	1	1
83	1	1
84	0	1
85	3	4
86	3	2
87	1	1
88	1	5
89	2	2
90	1	0
91	1	3
92	3	1
93	2	1
94	3	1
95	0	1
96	4	4
97	3	0
98	1	1
99	3	1
100	2	0
101	3	1
102	1	0
104	2	2
105	1	1
106	0	1
107	2	2
108	1	0
111	1	1
112	0	1
114	0	1
115	1	1
118	1	0
120	1	0
125	1	0
128	1	0
141	1	0

```
mean(dataset$IQ)
```

```
## [1] 91.08065
```

The boxplot shows the IQ levels by location status. The table displays the frequency of the IQ levels by

location status from the dataset.