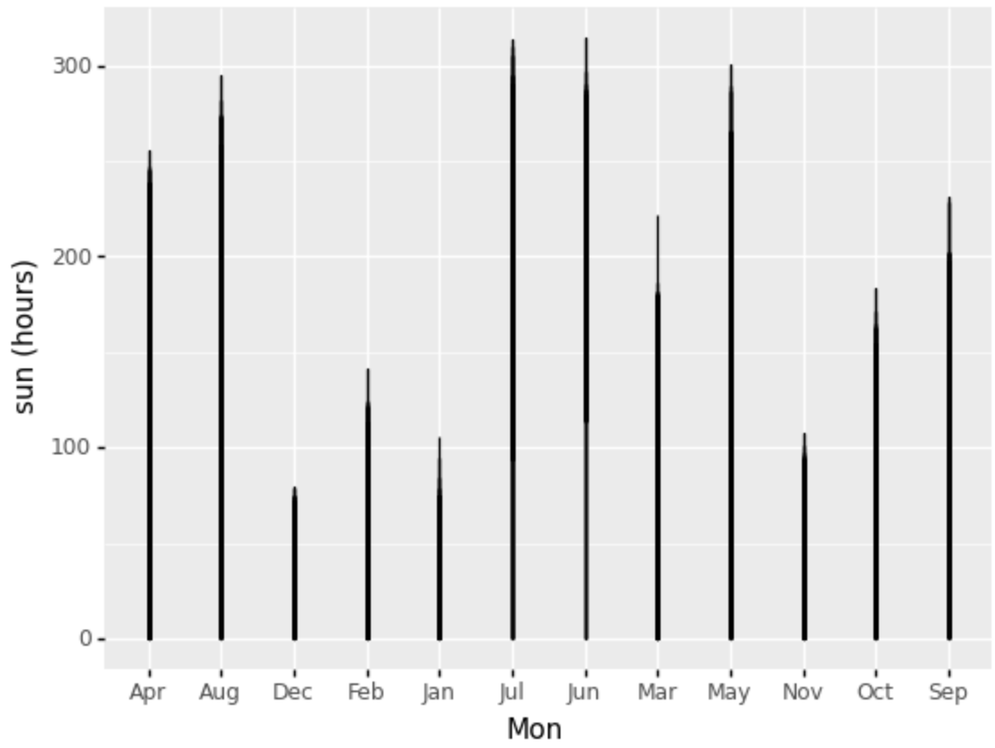
Name: Sai Teja

In [7]:
```
import pandas as pd
import numpy as np
from plotnine import ggplot, aes, geom_line, geom_point, labs, geom_boxplot
```

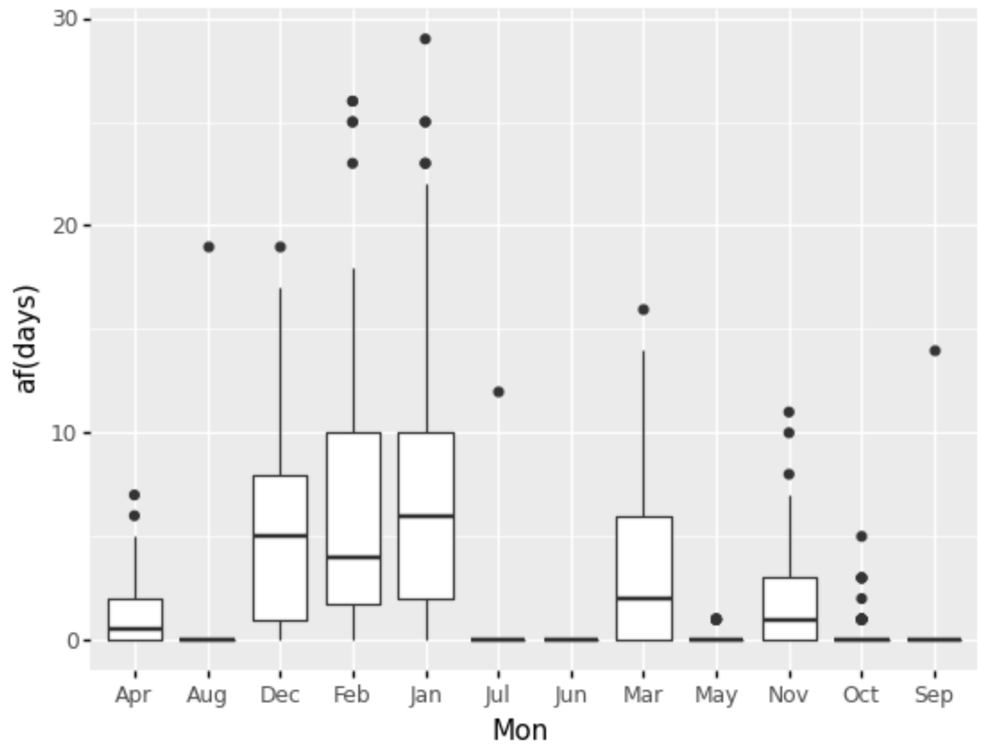
In [5]:
```
#Loading the data from the file
data=pd.read_csv(r"C:\\Sai Teja\Applied Data Science 1\Lowestoft Weather Data.csv", low_memory=False)
```

In [6]:
```
#Lineplot for sun duration vs months in Lowestoft
ggplot(data) + aes(x="Mon", y="sun (hours)") + geom_line()
```



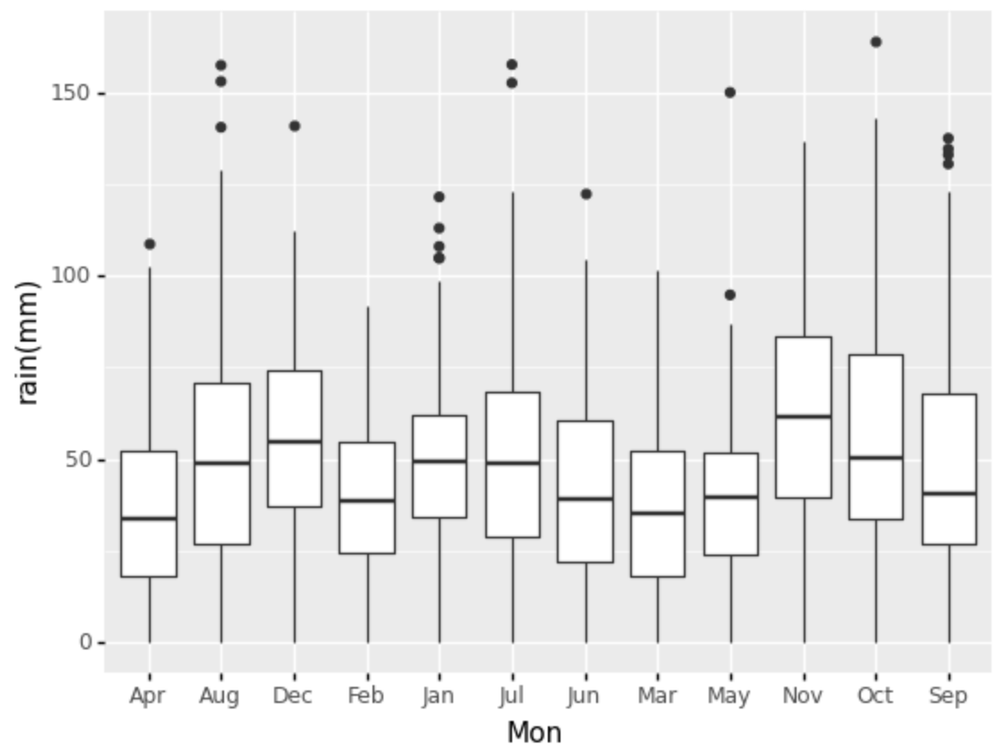
Out[6]: <ggplot: (74415369210)>

In [8]:
```
#Boxplot for airfrost days for different months in Lowestoft
ggplot(data) + aes(x="Mon", y="af(days)") + geom_boxplot()
```



Out[8]: <ggplot: (74415883918)>

In [9]:
```
#Boxplot for rain intensity for different months in Lowestoft
ggplot(data) + aes(x="Mon", y="rain(mm)") + geom_boxplot()
```



Out[9]: <ggplot: (74415378698)>

In [ ]: