

Practical 5: Implementation of Classification algorithm in R Programming.

Consider the annual rainfall details at a place starting from January 2012. We create an R time series object for a period of 12 months and plot it.

```
# Get the data points in form of a R vector.
rainfall <-
c(799,1174.8,865.1,1334.6,635.4,918.5,685.5,998.6,784.2,985,882.8,1071)

# Convert it to a time series object.
rainfall.timeseries <- ts(rainfall,start = c(2012,1),frequency = 12)

# Print the timeseries data.
print(rainfall.timeseries)

# Give the chart file a name.
png(file = "rainfall.png")

# Plot a graph of the time series.
plot(rainfall.timeseries)

# Save the file.
dev.off()
```

Output:

When we execute the above code, it produces the following result and chart –

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
2012	799.0	1174.8	865.1	1334.6	635.4	918.5	685.5	998.6	784.2
	Oct	Nov	Dec						
2012	985.0	882.8	1071.0						



