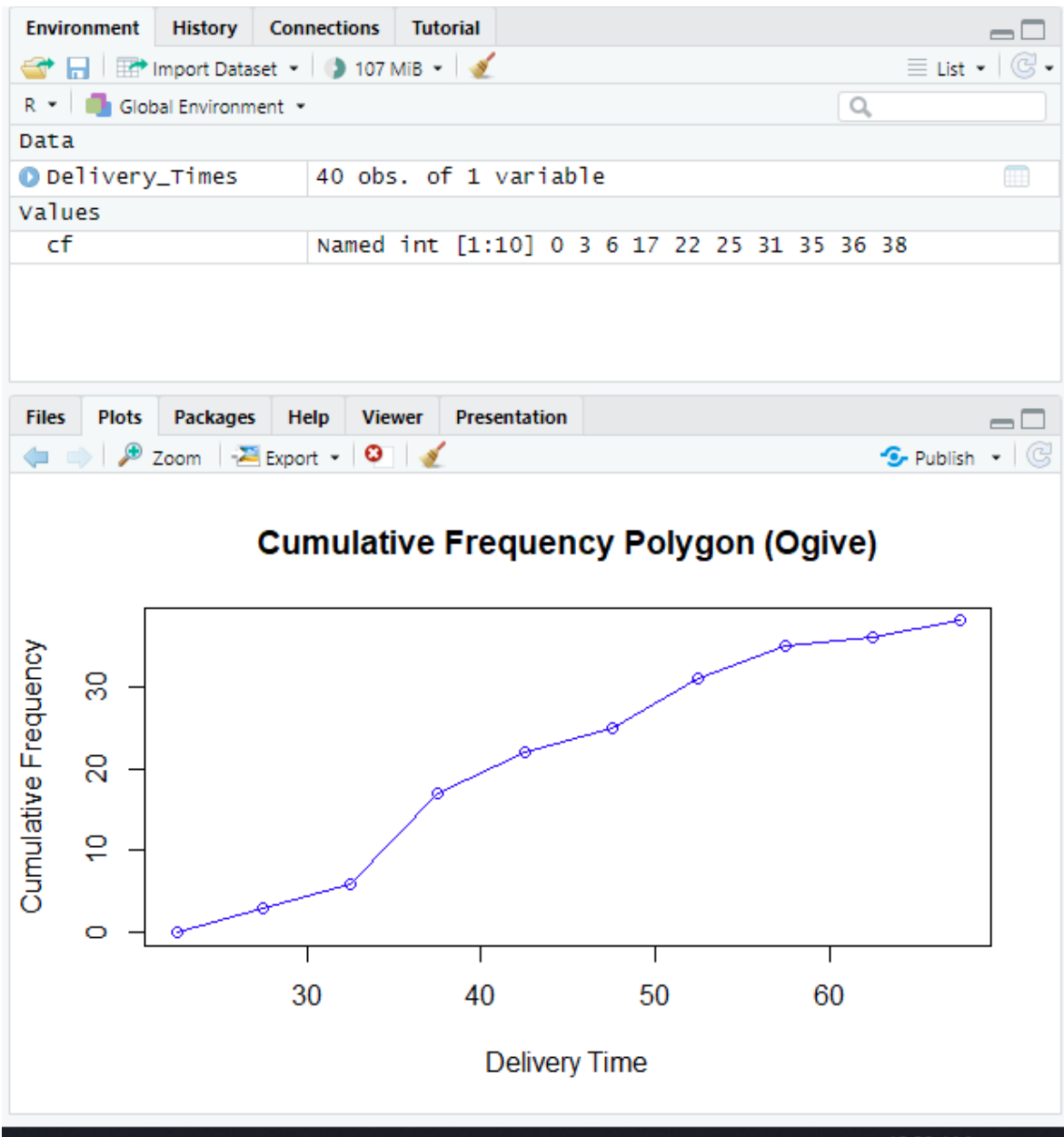


IT24103841

## Lab 5

### Probability and Statistics



```
> setwd("C:/Users/IT24103841/Desktop/Lab 04 ")
> setwd("C:/Users/it24103841/Desktop/Lab 04")
>
>
> Delivery_Times <- read.table("Exercise - Lab 05.txt", header = TRUE)
>
> Delivery_Times$`Delivery_Time_.minutes.` <- as.numeric(Delivery_Times$`Delivery_Time
_.minutes.`)
>
> hist(Delivery_Times$`Delivery_Time_.minutes.` ,
+       breaks = seq(20, 70, by = 5),
+       right = TRUE,
+       col = "lightblue",
+       main = "Histogram of Delivery Times",
+       xlab = "Delivery Time",
+       ylab = "Frequency")
>
> cf <- cumsum(table(cut(Delivery_Times$`Delivery_Time_.minutes.` , breaks = seq(20, 70,
by = 5), right = TRUE)))
>
> plot(seq(22.5, 67.5, by = 5), cf, type = "o", col = "blue",
+       xlab = "Delivery Time", ylab = "Cumulative Frequency",
+       main = "Cumulative Frequency Polygon (Ogive)")
> |
```