MACHINE UTILIZATION

Project Brief

You have been engaged as a Data Science consultant by a coal terminal. They would like you to investigate one of their heavy machines - **RL1**

You have been supplied one month worth of data for all of their machines. The dataset shows what percentage of capacity for each machine was idle (unused) in any given hour. You are required to deliver an R list with the following components:

Character: Machine name
Vector: (min, mean, max) utilisation for the month (excluding unknown hours)
Logical: Has utilisation ever fallen below 90%?   TRUE / FALSE
Vector: All hours where utilisation is unknown (NA's)
Dataframe: For this machine
Plot: For all machines