**Assignment task: Reveal the most representative day-types based on your analysis**

Which clustering method and number of clusters give you the most representative day-types according to you and why? Motivate your decision

Provide details and discussion of what parameters for which methods you calibrated and how they impacted the solution. If you would like to document it with the figure, you can submit, together with your final code, a very short and brief report documenting your analysis

What aspects of clustering do you find challenging or vaguely defined?

What is, according to you, the value of clustering in AI?

Reflect on the lessons you learned from the exercise, and also any other transportation problems that you may envision using the learned techniques?