

Exercise – data manipulation, preparation and time series plot

Data: Pedestrians.csv

1. The data contains the information about hourly number of pedestrians in a specific place in Melbourne, counted by an automatic sensor.
2. Please, import the data into pandas.
3. Make sure that all the columns have the appropriate formats.
4. Plot the time series.
5. Diagnose seasonality in the data.
6. Perform linear regression with trend and seasonal dummies.