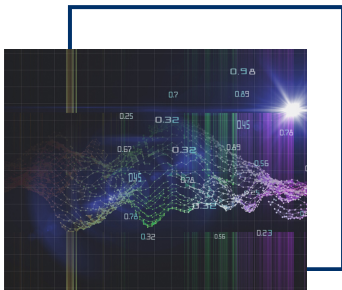


# Data Visualization

SEPTEMBER - NOVEMBER 2023





## PROGRAMME

In this course, you will learn how to create compelling data visualizations that accurately represent your data and communicate your findings effectively. Whether you are a beginner or an experienced data analyst, this course will provide you with the skills and knowledge you need to create meaningful and impactful visualizations.

### Practical details

The sessions are scheduled at KU Leuven Campus Brugge (Sporwegstraat 12, 8200 Brugge), on Friday mornings (22 & 29 September, 13, 20 and 27 October, 10 November). Every session closes with a sandwich lunch. Because of the hands-on character of the training, the number of participants is limited to 15.

### Enrollment

Register before 15 September via [puc.kuleuven.be](http://puc.kuleuven.be). The fee for the series is 1.800 euro. After registration, you will automatically receive the invoice for your participation.

### Postuniversitair Centrum

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E. Sabbelaan 53 bus 7643 - 8500 Kortrijk  
+32 56 24 61 84 - [puc@kuleuven.be](mailto:puc@kuleuven.be)  
[puc.kuleuven.be](http://puc.kuleuven.be)

By enrolling, I agree that the contact information I provide will be used to contact me in the context of this training and for any useful follow-up.

MODULE 1 | 22 & 29 SEPTEMBER 2023

### DATA PREPARATION

WITH QUINTEN ROSSEEL (DOTDASH.AI)

challenges in batch data preprocessing | functions of Pandas | data cleaning | feature engineering | data observability | Docker | ...

MODULE 2 | 13 & 20 OCTOBER 2023

### DATA VISUALIZATION TOOLS & LIBRARIES

WITH PROF. KATRIEN VERBERT

& DRS. ADITYA BHATTACHARYA (KU LEUVEN)

introduction to data visualisation for data science, analysis, and storytelling | Matplotlib | Pandas | NumPy | Seaborn | Plotly | Tableau | ...

MODULE 3 | 27 OCTOBER & 10 NOVEMBER 2023

### DASHBOARDS & LINKED VISUALIZATIONS

WITH PROF. JEFREY LIJFFIJT (UGENT)

hands-on introduction to dashboards and linked graphics using Plotly Dash | visualizations of structured and complex data e.g. maps, time series, ...