BI Academy agenda

01. Meet and greet

- Short intro: Ministry of State and Girls in Tech presentations
- Meet our students, find out more about their background and set up expectations for the upcoming weeks

02. Getting familiar with BI/IT terminology

- Short intro on BI and IT terminology
- Hands-on lab: Getting familiar with SQL syntax

03. Diving into data analysis I

- Diving into SQL basic concepts: operators, filters, joins etc.
- Hands-on lab: Basic exercises (SQL querying)

04. Diving into data analysis II

- Diving into SQL basic concepts: joins, subqueries, set operators, functions
- Hands-on lab: Basic exercises (SQL querying)

05. Getting familiar with BI tools

- Presenting multiple types of BI tools: focus on Power BI Desktop
- Hands-on lab: Data management and cleaning in Power BI Desktop

06. Diving into BI development I

- Short intro on how to extract, transform and load data
- Hands-on lab: Manipulate data in Power Query Editor

07. Diving into BI development II

- Getting familiar with DAX syntax and working with variables
- Hands-on lab: Create measures and calculated fields

08. Projects' assignment

- Recap on learned concepts (data analysis and BI development)
- Assign projects

09. Data Storytelling I

- Presenting and working with different types of visuals
- Hands-on lab: Building my first report

10. Data Storytelling II

- Adding value to data and insights
- Hands-on lab: Building an interactive report

11. Bring your project to class

- Q&A session on projects' development
- Feedback on draft presentations

12. Projects' presentation

- Evaluate projects - provide feedback
- Closing ceremony