Syllabus for Elective Course *'Business Intelligence'*, Autumn 2019

The path is relative the root of the BI-teaching-material repo on GitHub.

./100PageMLBook.pdf
- Chap. 1: All.
- Chap. 2: Sections 2.1.1 and 2.1.9
- Chap. 3: From beginning until subsection 3.1.2 (inclusive, read carefully). 3.3 (you can ignore math, but understand the basic content in the words)
- Chap. 4: 4.3 (read carefully)
- Chap. 5: Sections 5.1 (read lightly). Sections 5.2-5.4, and 5.6 (very carefully)
- Chap. 8: Section 8.1 (read lightly)

./WhirlwindTourOfPython:
- 00-Introduction.ipynb
- 01-How-to-Run-Python-Code.ipynb
- 02-Basic-Python-Syntax.ipynb
- 03-Semantics-Variables.ipynb
- 04-Semantics-Operators.ipynb
- 05-Built-in-Scalar-Types.ipynb
- 06-Built-in-Data-Structures.ipynb
- 07-Control-Flow-Statements.ipynb
- 08-Defining-Functions.ipynb
- 10-Iterators.ipynb
- 11-List-Comprehensions.ipynb
- 15-Preview-of-Data-Science-Tools.ipynb (excluding SciPy)

./week35/lecture_notes:
- 01-Intro to the BI Course.ipynb
- 02-Environment and Python Basics.ipynb

./week36/lecture_notes:
- 03-Working with Files.ipynb
- 06-Intro to Data Processing and Visualization.ipynb
- BI Tooling Slides 1.pptx
- parse_it.py

./week37/lecture_notes:
- 07-Intro to NumPy.ipynb
- 08-Intro to Regular Expressions.ipynb
- 09-Data Visualization.ipynb
- CPH Business Commpressed - 2019.pdf
- CPHBusinessAcademyMeeting.pdf

./week38/lecture_notes:
- Business Intelligence Innofactor 18092019.pdf

./week40/lecture_notes:
- 1-Introduction.ipynb
- 2-mlclasses.ipynb
- BinaryClassificationValidationMetrics.ipynb
- Iris_confusion_matrix.ipynb
- plot_iris.ipynb

./week41/lecture_notes:
- BinaryClassificationValidation.ipynb
- DecisionTrees.ipynb
- Exercise_Iris_Confusion.pptx
- ImbalanceResamplingStrategies.ipynb
- Iris_confusion_matrix.ipynb
- MultiClassConfusionMatrix.ipynb