

|  | February |  |              |    |    |    |  |    |    |  | March |    |  |  |    |  |  |    |  |  | April |  |  |    |  |  |   |  |  |    | May |  |    |  |  |    |  |  |   |  | June |    |  |  |    |  |  |    |  |  |   |
|--|----------|--|--------------|----|----|----|--|----|----|--|-------|----|--|--|----|--|--|----|--|--|-------|--|--|----|--|--|---|--|--|----|-----|--|----|--|--|----|--|--|---|--|------|----|--|--|----|--|--|----|--|--|---|
|  | 3        |  |              | 10 |    | 17 |  |    | 24 |  |       | 3  |  |  | 10 |  |  | 17 |  |  | 24    |  |  | 31 |  |  | 7 |  |  | 14 |     |  | 21 |  |  | 28 |  |  | 5 |  |      | 12 |  |  | 19 |  |  | 26 |  |  | 2 |
| Module 1: Basic Engineering                                      | WS       |  |              | HW | QA |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 2: Exploratory Data Analysis                              |          |  | Theory intro |    | WS |    |  | WS |    |  | HW    | QA |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 3: Basic statistics                                       |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 4: Regression (basic)                                     |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 5: Classification (part 1)                                |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 6: Classification (part 2)                                |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 7: Classification (part 3)                                |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
|  |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 8: Clustering and Outlier Detection                       |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 9: Regression (advanced)                                  |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 10: Time Series   |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 11: Neural Networks and Basic Computer Vision             |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |
| Module 12: Neural Networks and Basic Natural Language Processing |          |  |              |    |    |    |  |    |    |  |       |    |  |  |    |  |  |    |  |  |       |  |  |    |  |  |   |  |  |    |     |  |    |  |  |    |  |  |   |  |      |    |  |  |    |  |  |    |  |  |   |

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|--------|----|---|--------------|---|
| Agenda | WS | workshop or lecture   | Self-Study   | time you have to study all materials, to do homework and test                                   |
|        | QA | QA session in the end of the module and general homework analysis | Theory intro | list with theory links is opened one module ahead so you can start study it before module start |
|        |    |   |              |   |
|        | HW | deadline of homework  |              |   |