**RE-TRAINING ELBA – JULY 2022**

July 4, 2022 to July 8, 2022

Kyrgyz State Technical University named after Iskhak Razzakov (KSTU), Bishkek, Kyrgyzstan

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| **Day 1, July 4 (ROOM: 2/434)** |
| 09:00 – 10:30 | **Introduction, setting up, checking the Python and Orange installation** |
| 10:30 – 11:00 | Short break |
| 11:00 – 12:30 | **Getting to know orange – widgets, the data workflow, loading the data** |
| 12:30 – 14:00 | Lunch break |
| 14:00 – 15:30 | **Basic data exploration** |
| 15:30 – 16:00 | Short break |
| 16:00 – 17:30 | **Hands-on ETL on example datasets in Orange (part 1)** |

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| **Day 2, July 5 (ROOM: 2/434)** |
| 09:00 – 10:30 | **Hands-on ETL on example datasets in Orange (part 2)** |
| 10:30 – 11:00 | Short break |
| 11:00 – 12:30 | **Classification, model inspection and evaluation** |
| 12:30 – 14:00 | Lunch break |
| 14:00 – 15:30 | **More classifiers, how to correctly perform test and score** |
| 15:30 – 16:00 | Short break |
| 16:00 – 17:30 | **ELBA – meetings** |

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| **Day 3, July 6 (ROOM: 2/434)** |
| 09:00 – 10:30 | **Linear regression and regularization** |
| 10:30 – 11:00 | Short break |
| 11:00 – 12:30 | **Clustering – hierarchical and k-means** |
| 12:30 – 14:00 | Lunch break |
| 14:00 – 15:30 | **Add-ons in Orange** |
| 15:30 – 16:00 | Short break |
| 16:00 – 17:30 | **ELBA – meetings** |

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| **Day 4, July 7 (ROOM: 2/434)** |
| 09:00 – 10:30 | **Working with image data in Orange (part 1)** |
| 10:30 – 11:00 | Short break |
| 11:00 – 12:30 | **Working with image data in Orange (part 2)** |
| 12:30 – 14:00 | Lunch break |
| 14:00 – 15:30 | **Text mining in Orange (part 1)** |
| 15:30 – 16:00 | Short break |
| 16:00 – 17:30 | **ELBA – project meetings** |

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| **Day 5, July 8 (ROOM: 2/434)** |
| 09:00 – 10:30 | **Text mining in Orange (part 2)** |
| 10:30 – 11:00 | Short break |
| 11:00 – 12:00 | **Wrapping it all up – a data mining pipeline example demonstration** |
| 12:00 – 12:30 | Short break |
| 12:30 – 13:30 | **Closing ceremony – certificate awarding, group photo and official end of the re-training** |

<https://forms.office.com/r/YzCDxNXPMr>