

Samsung AI Course 6th edition

|                           |             |                              |    |
|---------------------------|-------------|------------------------------|----|
| <b>Start Date</b>         | 29-Oct-2024 | <b>Total class hours:</b>    | 81 |
| <b>End Date</b>           | 24-Feb-2025 |                              |    |
| <b>Number of sessions</b> | 32          | <b>of evaluation moments</b> | 1  |

| Course Contents                                    | Duration (hours) | Days | weekday   | Date        | Hours           |
|--|------------------|------|-----------|-------------|-----------------|
| Kick-off   |                  | 1    |           |             |                 |
|  | 3                |      | Tuesday   | 29-October  | 17h30-20h30     |
| Chapter 0. Introduction to Artificial Intelligence |                  | 1    |           |             |                 |
|  | 3                |      | Wednesday | 30-October  | 17h30-20h30     |
| Chapter 1. Data Wrangling                          |                  | 4    |           |             |                 |
|  | 3                |      | Friday    | 1-November  | 17h30-20h30     |
|  | 3                |      | Monday    | 4-November  | 17h30-20h30     |
|  | 3                |      | Wednesday | 6-November  | 17h30-20h30     |
|  | 3                |      | Monday    | 11-November | 17h30-20h30     |
| Chapter 2. NLP                                     |                  | 3    |           |             |                 |
|  | 3                |      | Wednesday | 13-November | 17h30-20h30     |
|  | 3                |      | Monday    | 18-November | 17h30-20h30     |
|  | 3                |      | Wednesday | 20-November | 17h30-20h30     |
| Chapter 3. Supervised Learning                     |                  | 4    |           |             |                 |
|  | 3                |      | Monday    | 25-November | 17h30-20h30     |
|  | 3                |      | Wednesday | 27-November | 17h30-20h30     |
|  | 3                |      | Monday    | 2-December  | 17h30-20h30     |
|  | 3                |      | Wednesday | 4-December  | 17h30-20h30     |
| Chapter 5. Unsupervised Learning                   |                  | 2    |           |             |                 |
|  | 3                |      | Monday    | 9-December  | 17h30-20h30     |
|  | 3                |      | Wednesday | 11-December | 17h30-20h30     |
| Chapter 4. Imbalanced Datasets                     |                  | 1    |           |             |                 |
|  | 3                |      | Monday    | 16-December | 17h30-20h30     |
| Chapter 6. Hackthon Classification                 |                  | 1    |           |             |                 |
|  | 3                |      | Wednesday | 18-December | 17h30-20h30     |
| Chapter 7. AI In The Wild   Part 1                 |                  | 1    |           |             |                 |
| Capstone start                                     | 3                |      | Monday    | 6-January   | 17h30-20h30     |
| Chapter 8. Intro to Deep Learning                  |                  | 2    |           |             |                 |
|  | 3                |      | Wednesday | 8-January   | 17h30-20h30     |
|  | 3                |      | Monday    | 13-January  | 17h30-20h30     |
| Chapter 9. Deep Learning                           |                  | 6    |           |             |                 |
|  | 3                |      | Wednesday | 15-January  | 17h30-20h30     |
|  | 3                |      | Monday    | 20-January  | 17h30-20h30     |
|  | 3                |      | Wednesday | 22-January  | 17h30-20h30     |
|  | 3                |      | Monday    | 27-January  | 17h30-20h30     |
|  | 3                |      | Wednesday | 29-January  | 17h30-20h30     |
|  | 3                |      | Monday    | 3-February  | 17h30-20h30     |
| Chapter 10. AI In The Wild   Part 2                |                  | 1    |           |             |                 |
|  | 3                |      | Wednesday | 5-February  | 17h30-20h30     |
| Capstone   |                  |      |           |             |                 |
| Start  |                  |      |           | 2-December  | 17h30-20h30     |
| Phase 1 - EDA                                      |                  |      |           | 6-January   | Entrega Virtual |
| Phase 2 - 1st model                                |                  |      |           | 3-February  | Entrega Virtual |
| Phase 3 - Final solution                           |                  |      |           | 17-February | Entrega Virtual |
| Presentation                                       |                  |      |           | 24-February | 17h30-20h30     |