Math Refresher for DS

Introduction

girafe ai

About this course

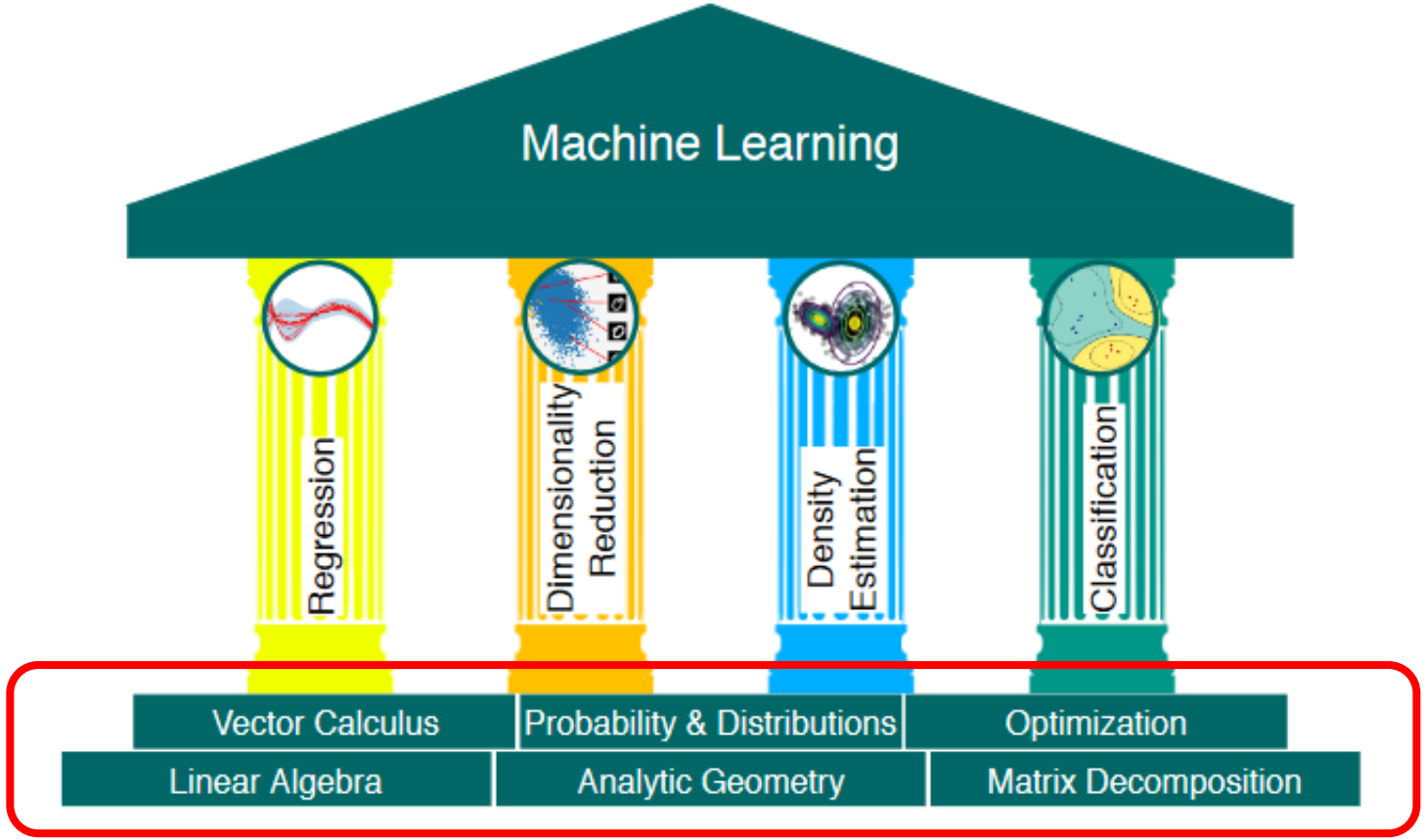

Image source: Mathematics for Machine Learning, p. 14 (https://mml-book.github.io/book/mml-book.pdf)

About this course

In this course:

1. Linear algebra
2. Calculus
3. (Basic) optimization

Prerequisites:

- basic knowledge of math;
- some Python.

About this course

Logistics

- Pre-recorded lectures
- Online practical sessions
  - → Tuesdays & Fridays
    19:00 Moscow time
- 5 graded assignments
- 2 exams
- Final grade:
  - 30% Linear Algebra exam
  - 30% Calculus & Optimization exam
  - 40% graded assignments

About me

Evgeniya Korneva

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evgeniyako

- PhD researcher KU LEUVEN
- Lecturer HARBOUR SPACE
- DS content lead JetBrains Academy
- *(Soon)* Data Scientists acmetric

Where are you from / where are you located now?

Please fill in a short questionnaire about your background:

https://forms.gle/JPScVowqRPZU2Ad28