Project

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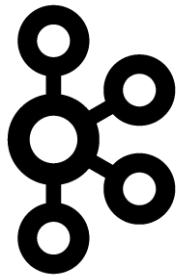
Introduction to Near Real-Time Data Analytics

August 2022

UNIVERSITY OF TARTU

Agenda for the week



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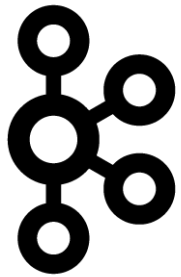

Agenda for today

10:00	Project work starts
11:00-11:30	first sync
12:00	quick sync
13:00	quick sync
15:00	presentation of work

Team formation

Projects

Projects

- Sales We can do it
- Loan application
- Public transport Team MIA

Projects

- Sales
  - Sales system (database)
  - Tasks:
    - Alert on credit card frauds
    - Show percentage of online vs offline sales in the last 10 minutes
    - Show most sold products per 5 minute window

Projects

- Loan application
  - Loan application process (events in message queue)
  - Tasks:
    - Show number of interactions, per user, in the last 5 minutes
    - Total potential loan exposure of applications per 1 minute
    - Information about the latest 3 accepted loan offers, together with timestamp

Projects

- Public transport
  - Real-time data from buses (API)
  - Tasks:
    - Alert on buses which have become delayed in the last 15 minutes
    - Visualize bus current location
    - Count of buses per operator which are actively moving in the last 5 minutes