



POLITECNICO
MILANO 1863

Apache Spark

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Exercise 1

- Complete the bank account exercise
- Consider a new query Q4
 - Print all accounts in descending order of balance

Exercise 2

- Write a program that takes in input a csv file with the friendship relation in a social network
 - Two fields (user, friend)
- Write an iterative program that computes the transitive closure of the relation

Exercise 3

- Change the event enrichment program
 - Use the rate source to define the input stream
- Change the query to count the number of products of each class appearing in the input stream within a window of 30 seconds sliding every 5 seconds