Cloud and Distributed Environments for Analytics in a Luxury Brand

COMPANY DESCRIPTION:

Pioneer of a dialogue with contemporary society across diverse cultural spheres and an influential leader in luxury fashion, Prada Group founds its identity on essential values such creative independence, transformation and sustainable development, offering its brands a shared vision to interpret and express their spirit. The Group owns some of the world's most prestigious luxury brands, Prada, Miu Miu, Church's, Car Shoe and the historic Pasticceria Marchesi, and works constantly to enhance their value by increasing their visibility and appeal.

LAB DESCRIPTION:

This Lab will give you the opportunity to work with the latest and most performing instrument for Data Analytics using Cloud and Distributed computing Environment (Azure Services). Moreover, you will have an overview of some case studies and analysis specifically designed for Fashion and Luxury market.

MAIN TOPICS:

- Azure Environment (Databricks and Datalake)
- Programming in Distributed framework (pyspark)
- Multi Language programming in a single notebook (python, R, SQL)
- ML pipeline experiments and tuning (MLflow)

(TENTATIVE) CALENDAR:

20 hours (5 slots of 4 hours) To be confirmed

h. **14,30 – 18,30**

- Wednesday 15 March 2023
- Wednesday 22 March 2023
- Wednesday 29 March 2023
- Wednesday 19 April 2023
- Wednesday 26 April 2023

ELIGIBLES STUDENTS:

- 4 to 8 second year DSE students

SKILLS:

- Knowledge of Python
- Basic knowledge of SQL and R

HOW TO APPLY:

- Send application to dse@unimi.it
- deadline: Monday 8 March 2023