How to detect emotions and forecast behaviour in humans

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Subject description:

In the last decade, scientific research has made significant advancements in investigating the link between physiological signals and facial expressions to investigate the role of emotions in consumer behavior. Cheap, powerful and unobtrusive devices or solutions to collect data about human behavior provide large data-sets to learn from with cutting-edge machine learning algorithms.

In collaboration with brands from the Luxury & Fashion sector, we will run an original experimental research. The candidate is expected to learn to set-up experiments with humans and to develop efficient signal processing and data-analysis algorithms to predict human behavior.

The candidate will be part of a dynamic and engaging context with other PhD and Post-Docs.

This subject is part of the Digital Systems for Humans Graduate school 2022 PhD grants campaign.

Application deadline: May 9th, 2022

Apply by sending an e-mail to the thesis supervisor.