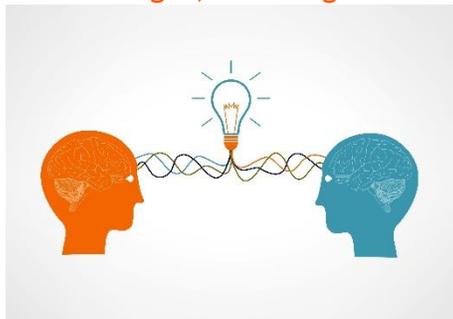


stakeholders of the analytics value chain in companies; **more data fluent people** who understand the potential of analytics; and the ability to translate business questions into data analytics thinking to explain to decision-makers how analytics could bring value to their organizations.

The leader of the 21st century? Half-Manager, Half-Engineer?



But why are these skills so sought after? Since it is important to analyze large databases, it is obviously necessary to have advanced computer science (database, data management, coding,...) and statistical and machine learning skills. But the responsibilities of **Analytics Professionals do not end there**. In order to be able to implement the identified solutions, they must

understand the business and organizational challenges of the company and above all, be able to **communicate these solutions to the different stakeholders**. Business Analytics projects are typically **transversal**, combining IT, marketing, finance and operations. It is, therefore, necessary to develop **four areas of expertise**: IT, analytics through statistics and machine learning, business, and communication. The analytics professional, called to be the leader of tomorrow, will be a **blended profile** of business manager and data and quantitative analyst.

Solvay has launched new learning opportunities on Business Analytics, Data Science & Big Data



Armed with this conviction, SBS-EM has launched over the past 2 years several

initiatives in Business Analytics in the curriculum of Master and Advanced Master Programs. Indeed, there is now a course of Business Analytics in [Master in Business Engineering](#) and in [Business Economics](#). There are courses of Data Science for Business in [Advanced Masters](#) in Innovation and in Marketing. The [QTEM network](#) is also another important path for some students to deepen their knowledge of analytics.

All of these new perspectives have triggered the curiosity of many students. Indeed, some of them, eager to learn more about these topics, have decided to **pursue a master's thesis** or to apply for a [credited internship in analytics](#). Today there are so many opportunities not only in big **corporations** (ING, SAS Institute, McKinsey Solutions, etc.) but also in **SME's** (Real Impact Analytics, Swan Insights, etc.) in different **functional roles** (marketing, risk, fraud, internet of things, etc.) and different **industries** (banking, energy, telcos, software engineering, etc.). The first experiences of our students have been **enlightening** and some of them have even **found that first job immediately** after their internship or thesis. We are strongly convinced that it is just the start of a new area of opportunities and learnings for our future grads.

IF THESE LINES HAVE TRIGGERED A NEW VOCATION OR SOME INTEREST, CONTACT MARTINE GEORGE



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