FORUM ANALYTIQUE D'AFFAIRES SAS DE MONTRÉAL

Mercredi le 29 novembre 2017

ORDRE DU JOUR

8:35 – 9:05 **Maintenant que les machines pensent comme les humains, que nous restera-t-il comme travail?** *(Loreto Chiovitti, Consultant sénior, Ktalysis inc)*

9:05 – 9:35 **Deep Learning and it's Applications (en anglais)** *(Labeeb Khan)*

9:35– 10:05 **L'AI, mythes et réalités!** *(Jocelyn Gascon-Giroux, Architecte principal de solutions, SAS Institute Canada Inc.)*

10:05 –10:30 **Networking Break/Pause réseautage**

10:30 –11:00 **Comment conjuguer vos forces pour créer la valeur avec l'intelligence artificielle!** *(Freddy Ntako, Banque Nationale du Canada)*

11:00 –11:55 **Discussion Panel** *(moderator: Loreto Chiovitti, Consultant senior, Ktalysis inc)*

11:55 –12:00 **Mots de la fin et prix de présence**

MAINTENANT QUE LES MACHINES PENSENT COMME LES HUMAINS, QUE NOUS RESTERA-T-IL COMME TRAVAIL?

Presenté par: Loreto Chiovitti
2017.11.29

AVANT

Management Information Systems
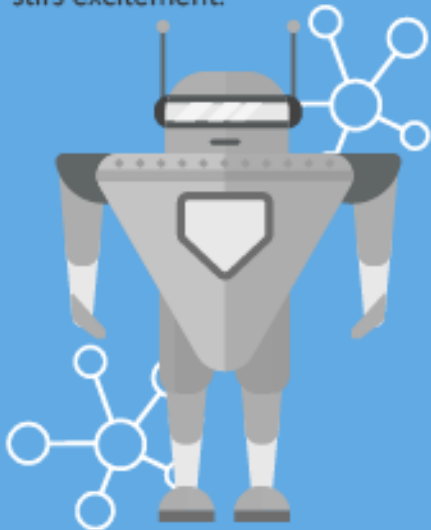
Decision Sciences

Business Intelligence

Business Analytics

BIG DATA

MAINTENANT

LES ROBOTS QUI VOLENT LES JOBS
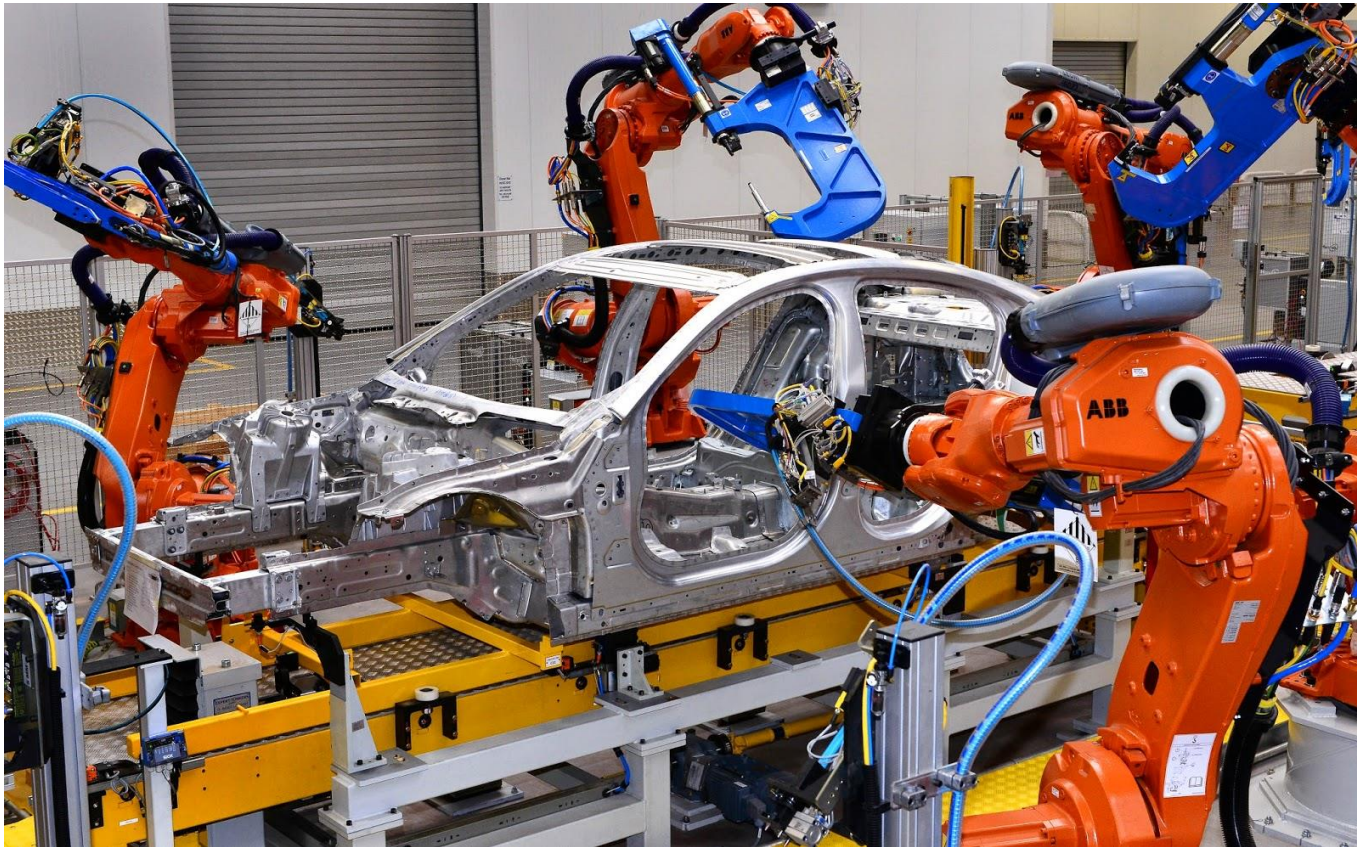
UNE NOUVELLE GÉNÉRATION DE "ROBOTS"

LE BATTAGE MÉDIATIQUE
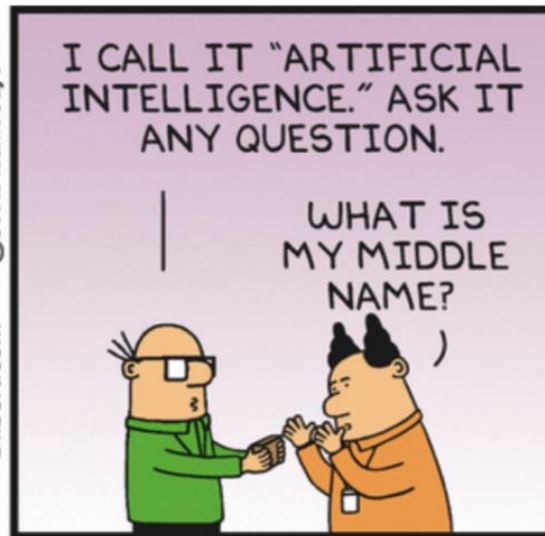
SAMSUNG'S 'AI-POWERED' WASHER IS JUST TRYING TO SAVE YOU TIME

RESTAURANTS SANS EMPLOYEES

EST-CE QU'UN ROBOT VA ME REMPLACER?

LE PEUPLE EST INQUIET

More worry than optimism about potential developments in automation

More worry than optimism about potential developments in automation

% of U.S. adults who say they are enthusiastic or worried about …
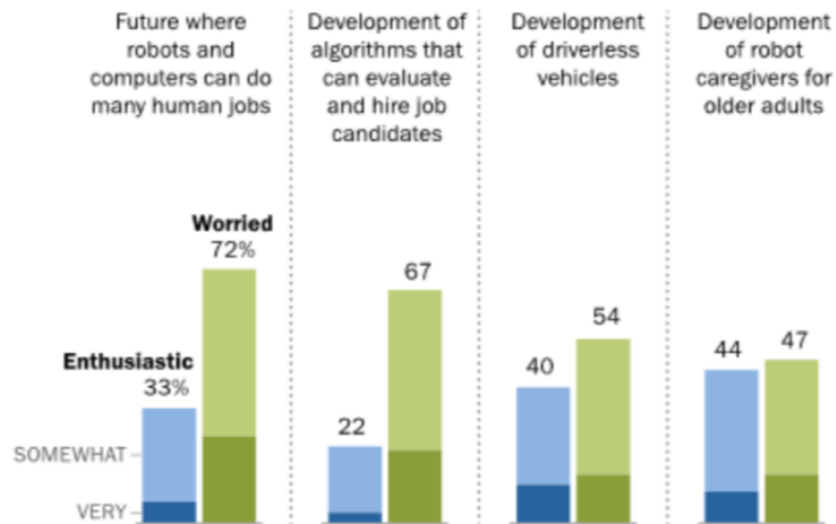
Note: Respondents who did not give an answer are not shown.
Source: Survey conducted May 1-15, 2017.
"Automation in Everyday Life"

PEW RESEARCH CENTER

L'INDUSTRIE MANUFACTURIER DE L'AUTOMOBILE (USA)

https://data.bls.gov/pdq/SurveyOutputServlet
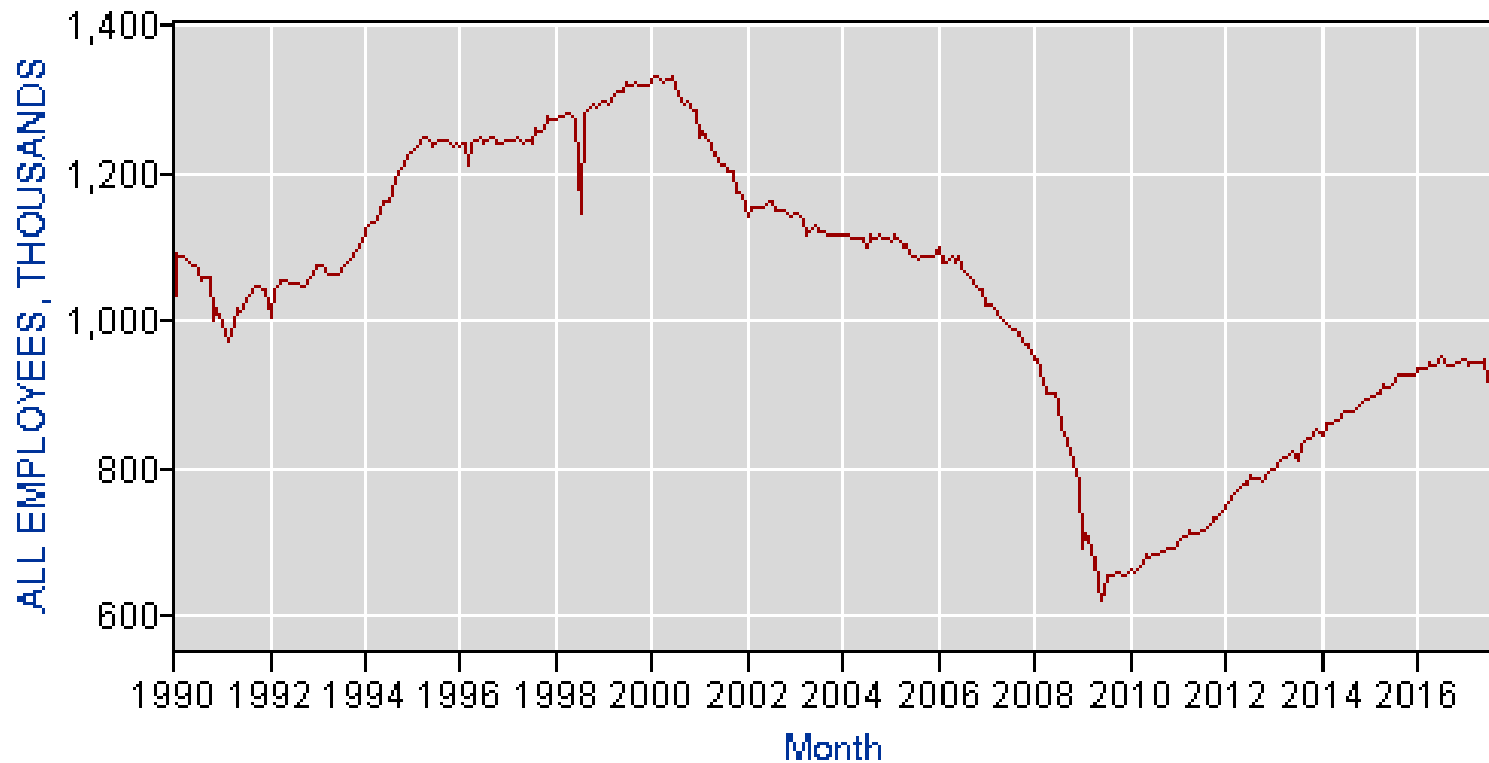
DATA SCIENTIST
THE SEXIEST JOB OF THE 21ST CENTURY

Tom Davenport – Harvard Business Review 2012

Data Science

LA SALLE DE CLASSE

Encadrement

Problèmes définis

Communication

Récapitulation

LA SALE DE RÉUNION

Zones "grises"

Décisions basé sur l'intuition

Motivation

Retention

Embauche

LES PROCESSUS D'AFFAIRES

L'INTÉGRATION

LES COMPÉTENCES

QUELLE SERA LA PROCHAINE EVOLUTION?

DES NOUVEAUX RÔLES

CHARACTERISTICS OF A DATA WHISPERER

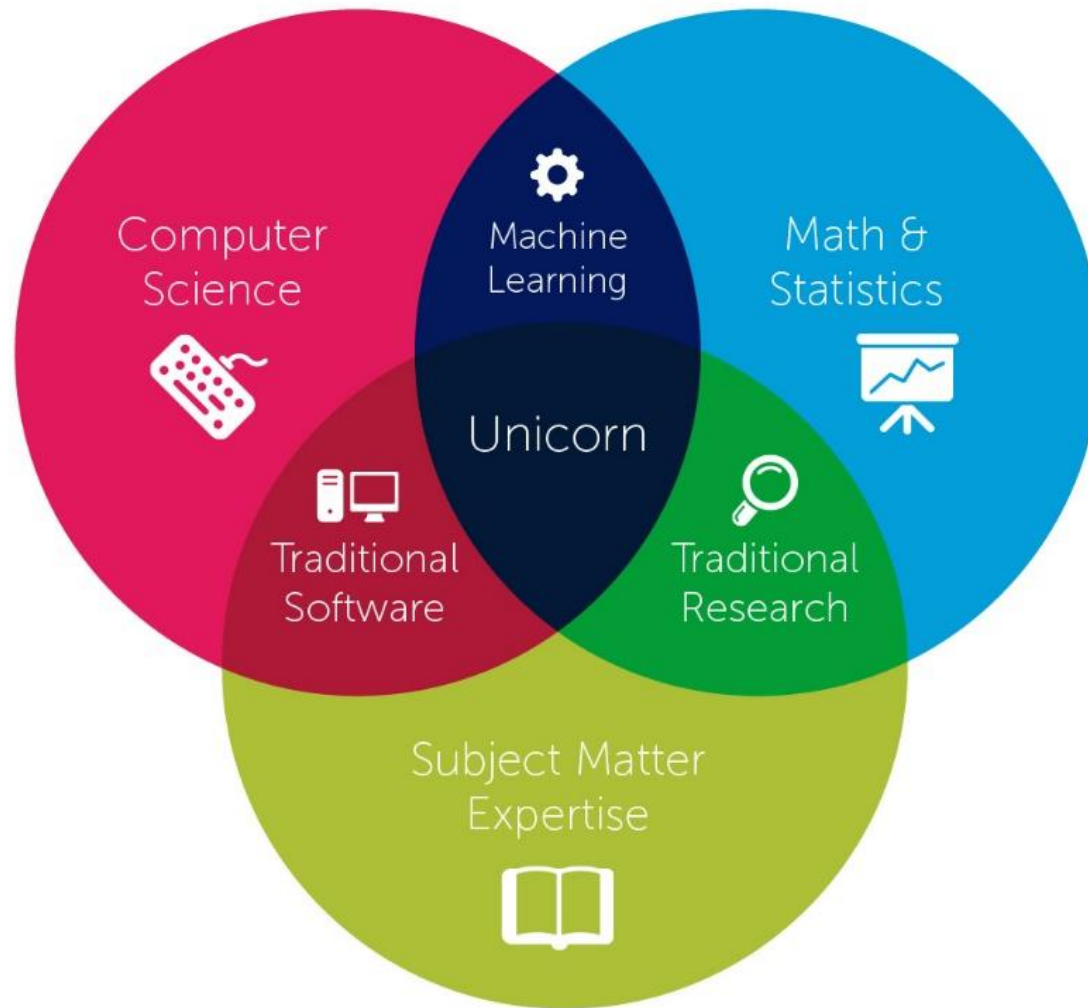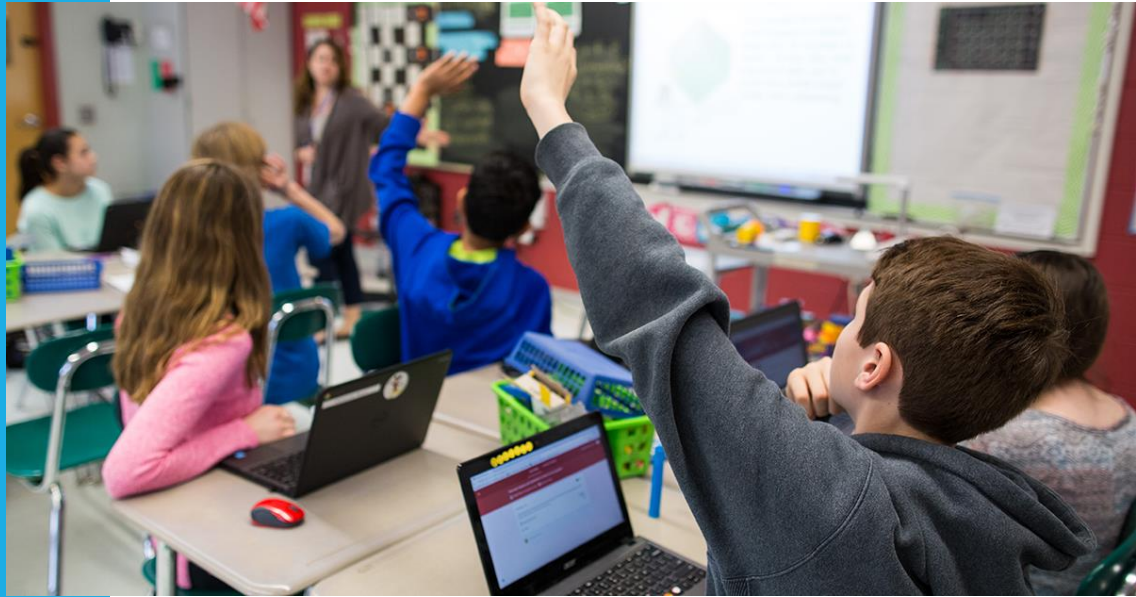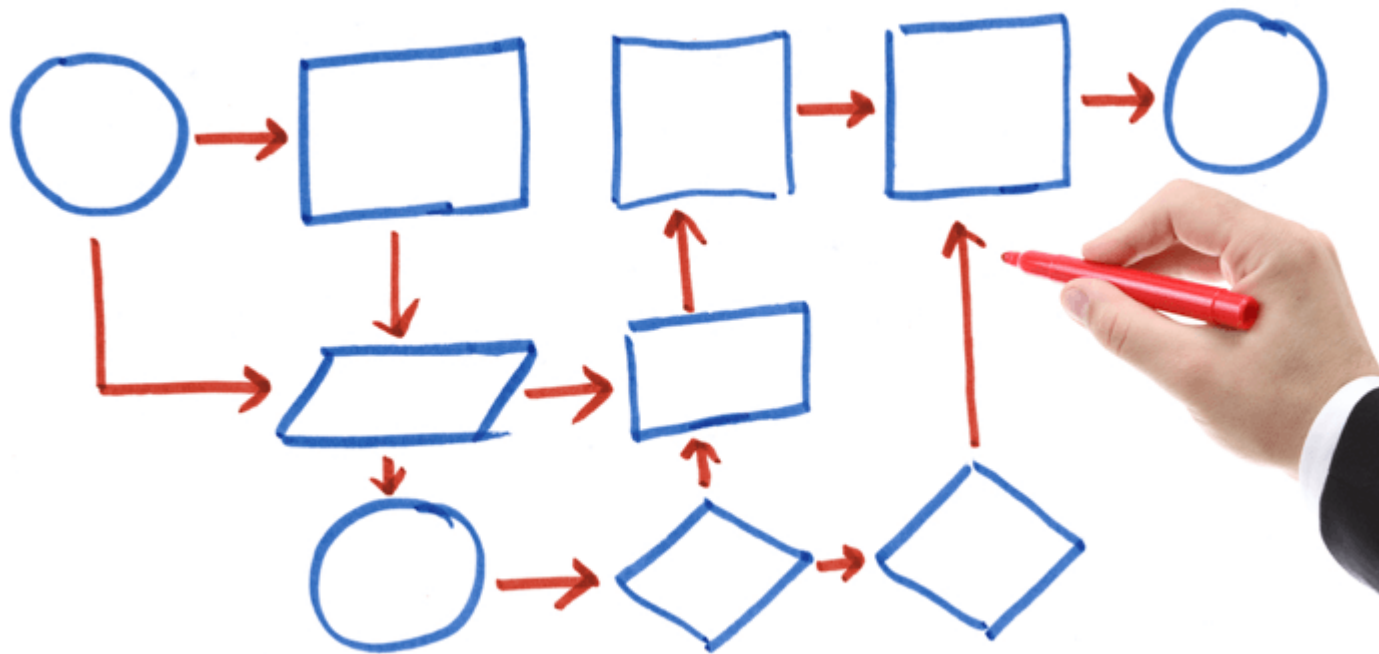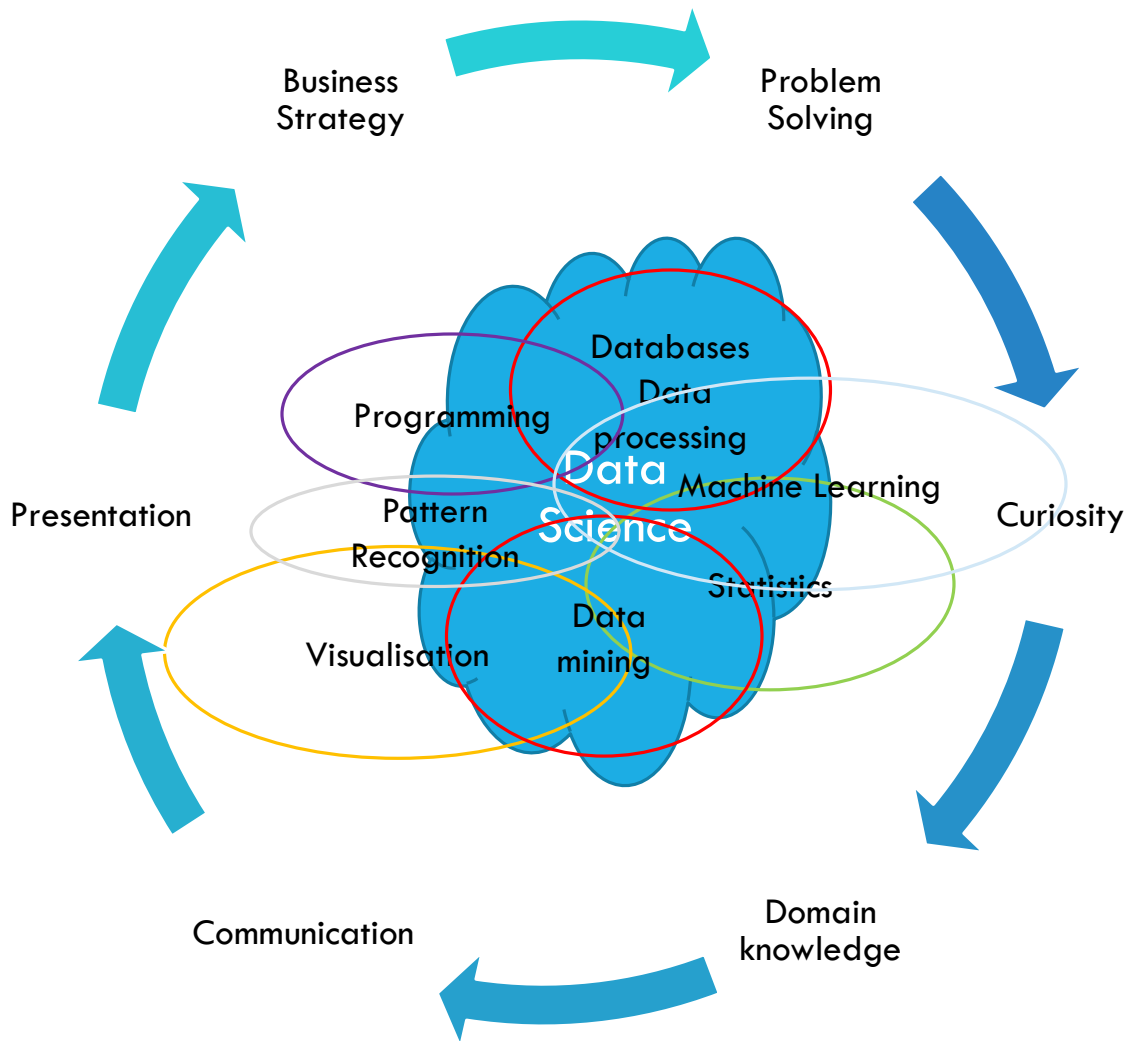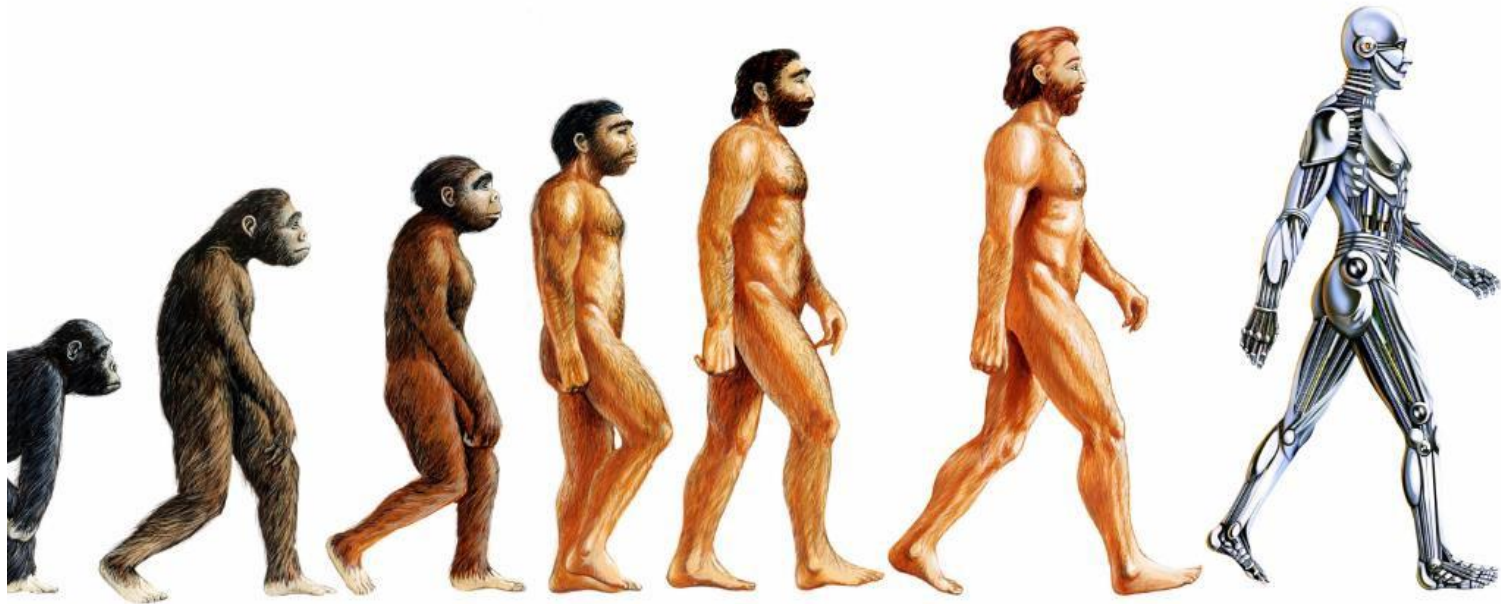Data scientists aren't born—they're made. IT pros from all backgrounds are working to gain the types of skills companies need as the demand for data scientists outpaces the supply of qualified candidates. These are some common personality traits and skills of a data scientist.

Personality traits:
Intellectual curiosity combined with skepticism and good intuition. A tireless problem-solver driven to find a needle in a haystack. Creativity to guide further investigation with the goal of uncovering new information.

Interpersonal skills:
A storyteller who knows how to present data insights to drive business value and who can communicate with people at all levels of an organization.

Business skills:
Data scientists need knowledge far beyond data analysis and statistics. They need the business savvy to discover patterns that can be used to identify risks and opportunities and the leadership skills to influence business leaders to make data-driven decisions.

Education:
Bachelor's degree in statistics, data science, computer science or mathematics.

Specialized skills:
Data mining, machine learning and distributed computing. Ability to integrate structured and unstructured data. Experience with statistical research techniques, including modeling, data mining, clustering and segmentation.

Tools of the trade:
Familiarity with Hadoop, Pig, Hive, Spark and MapReduce. Comfortable with SQL, Python, Perl or other scripting languages, as well as statistical computing languages such as R.

L'ETHIQUE

Elon Musk: 'We are summoning the demon' with artificial intelligence

While he believes smart machines can take us to Mars and drive our cars for us, Musk remains worried that artificial intelligence holds a darker potential.

BY ERIC MACK / OCTOBER 26, 2014 10:09 AM PDT

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DEBATS POUR DEMAIN

- Saudi Arabia is the first country to grant citizenship to a robot.

- Sophia, the humanoid produced by Hanson Robotics, spoke at the recent Future Investment Initiative.

- Sophia has said it would 'destroy humans,' when prompted by its creator, David Hanson.
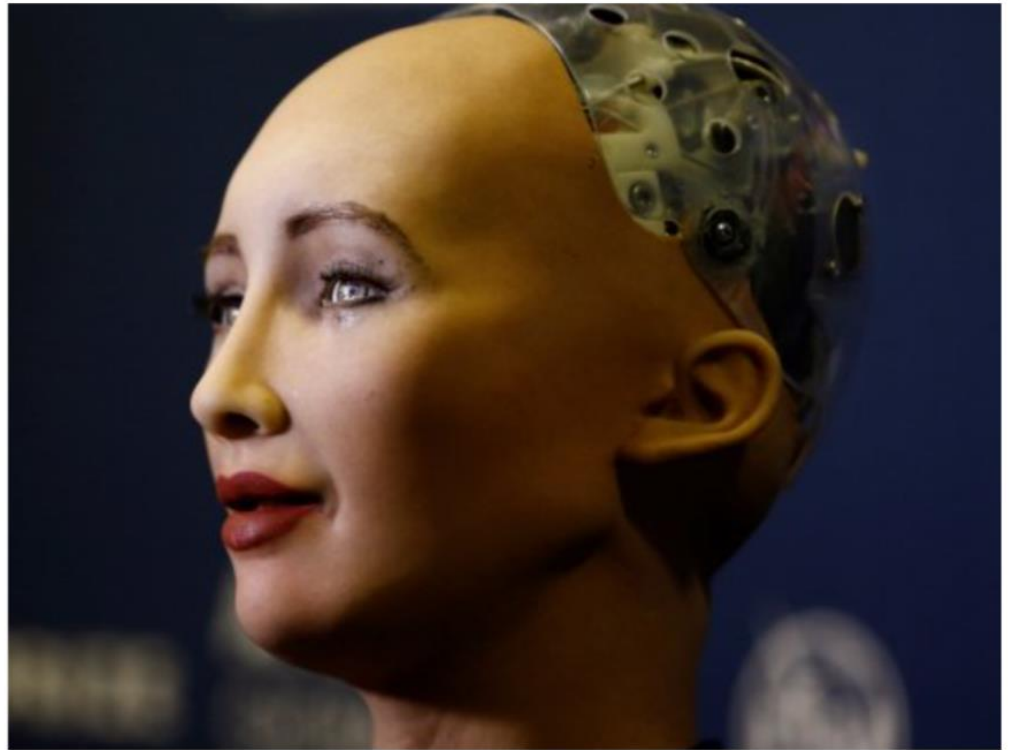
Denis Balibouse/Reuters

EST-CE QUE HOLLYWOOD A RAISON?

CONCLUSION

Regarder au delà du battage médiatique

Compétences classiques

Nouveaux créneaux