CFOrent resource sheet

THANK YOU!

The purpose of this resource sheet is a two-fold:

1. Quick access
Hopefully our article on AI has inspired you to engage into the world of Data Science and this document serves to point out interesting sources.

2. Lay of the Land
This document aims to be a lay of the land. Offering a summary of sources, programs and other interesting things surrounding the subject of AI, this document might offer solutions you didn't know existed or have not yet explored.

The more advanced your business becomes, the more need you'll have to explore options. With this sheet, we offer valuable products and sources and beyond that what is mainstream but doesn't necessarily have to be obscured.

From all of us at CFOrent,
Enjoy!

Table of content

Tools
Read
Listen

CFOrent resource sheet

Tools

LEARNING PLATFORMS

- DataCamp (https://www.datacamp.com/business)

Made in Belgium, DataCamp quickly became an immense learning platform. Reading from their mission statement, they want to *democratize data and AI skills for everyone*.

DataCamp's strength lies in their focus, i.e. data and educating non-technical profiles. Their courses range from teaching technical skills, such as "Introduction in PowerBI", as well as soft skills, such as "Communicating Data insights".

Their focus on businesses allows you to track progress within your company, for employees, departments and through all skillsets. Definitely a worthy contender to consider, when implementing your data strategy and educating your employees.

Other worthy platforms are:

- coursera.org
- udemy.com

DATA ANALYTICS PROGRAMS

These tools are today's *cash cow*. While all of them have their benefits, many are plagued by being proprietary software and/or being included in some business plan. And, they turn out to be very expensive.

While Microsoft PowerBI, Salesforce's Tableau or Google Studio Data might be worth their price, it's even better to build your foundation on open-source software, such as Apache Superset, KNIME or Plotly Dash. The main reason to go open-source is the absence of limitations. While proprietary software is likely to accelerate faster, it's ecosystem-driven development will make sure you can only operate within the limitations of their software. Now and in the future.

- **Apache Superset**, maybe unknown, this company is in the business since '99. Approx. 25% of all web servers run on Apache software. Not to say, they know what they're doing. And so Apache Superset is their answer on proprietary Business Analytics.
- **KNIME** is a more technical approach to data and they provide support to the entire pipeline, i.e. data gathering up to model training, all in a no-code/low-code environment. Though not free, they offer a valuable entry-level plan to take your findings to the next level.
- **Plotly Dash**, is open-source software used to generate insights and create Dashboards. If there is no coding experience within your business, they offer an enterprise solution. The software is for those who are in the "explore/transform" stage of Data Science and AI.

CFOrent resource sheet

MACHINE LEARNING & AI PROGRAMS

No-code ML programs are the next step in bringing AI to businesses. Unless your business is ready for proper ML training, it might be worth it to hold of on these programs and experiment with tools such as Google's AutoML or have some developers work out business cases specific to your business.

Available programs are, but not exclusively:

- Apple's CreateML
- DataRobot
- Google's AutoML
- Google's Vertex AI
- Graphite Note

Read

FROM OUR ARTICLE

- Artificial Intelligence, IBM
- AI-models, IBM
- Game "Supervival of the Best Fit", Mozilla labs
- Managers - The Day After Tomorrow, *Rik Vera*.

While bringing nothing new to the table, the book serves as a *wake-up* for those who are still in denial or paralysed about what they have to do.

- Data Misinterpretation and Misuse, Digital Poirots

OTHER VALUABLE SOURCES

- Definitive Guide to Machine Learning for Business Leaders, Hugo Bowne-Anderson

In this fifty page, free ebook, Data Scientist Hugo B-A aims to provide hands-on crash course for business leaders. Simple, direct and with Calls-to-Action. Quickly read and easily understood.

- AI - The Good, The Bad and The Scary, Virginia Tech Engineer

In this article, five experts share their "Good", "Bad" and "Scary" about AI. The variety of their answers highlights the considerations that should be taken into account.

- Artificial intelligence implementation: 8 steps for success, Cole Stryker

Being IBM's Editorial Lead, Cole shares his view on implementations strategies.

- IBM's AI academy

While they obviously benefit directly from businesses using AI, they are also the biggest stakeholders in educating businesses in how to efficiently and effectively use AI. The same goes for Microsoft, Google and many others.

Listen

For those who have yet to immerse themselves:

- DataFramed by DataCamp, highlighting episode #30 DataScience at McKinsey.

For those who prefer a business angle:

- Radar by Nexxworks.

For those who prefer to have a monthly update:

- Nerdland has a specific AI-section, quickly found with the provided timestamps.