D60 (2021-03-05): ***CHALLENGE FINISHED***

I've completed ALL the lessons. My overall progress of the course is 100%.

Repository of Updates:

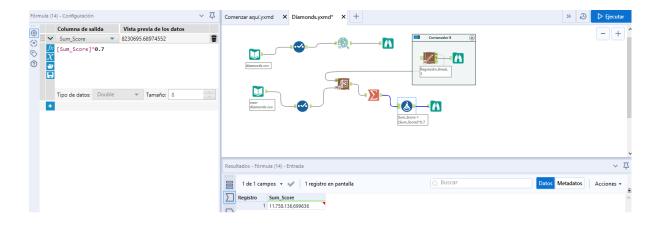
https://github.com/dfdavila2/Bertelsmann-Technology-Scholarship-Data-Track



I encourage @Rachel Smith and @Richard Urgel to follow this path!

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D59 (2021-03-04): Finished lesson 4. Here is the workflow that I used to solve the Diamond price prediction Project.



I encourage @Tochukwu Peter and @Jens Gaulke follow this path!

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D58 (2021-03-02): Continued with lesson 4.

I encourage @Jagadeesh R and @joro to follow this path!

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D57 (2021-03-01): Reviewed several jupyter notebooks covering topics such as the data life cycle, data processing, linear and logistic regression.

I encourage @Loni and @Julie to follow this path!

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D56 (2021-02-28): I finished the Datacamp course: "Intermediate Importing Data in Python"

I encourage @Belinda Dewi and @Peter.V to follow this path!

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D55 (2021-02-27): Started with lesson 4... The last one!

I encourage @Valentina and @Cornelius Lazarus to follow this path!

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D54 (2021-02-26): Participated in Day 2 of the First Educathon 2021 LatinAmerica organized by @IBM

I encourage @Olga Gnatenko and @Andreea Bianca Ionescu to follow this path!

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D53 (2021-02-25): Participated in Day 1 of the First Educathon 2021 LatinAmerica organized by @IBM

I encourage @VictoryChuks and @William Wan to follow this path!

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D52 (2021-02-24): Finished with lesson 3.

I encourage @Rebeca Lopes and @fozan talat to follow this path!

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D51 (2021-02-23): Watched this talk as part of the DS Fundamentals course. Watch it if you feel like! <u>Carlota Perez – Our Digital Future - A New Golden Opportunity</u>

I encourage @Aubrey and @Xiao Ting to follow this path!

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D50 (2021-02-22): Officially begun the 3rd semester of my Master's in DS at @Universitat Oberta de Catalunya. This time I'm covering the following subjects:

- Advanced data mining models
- Data Science Fundamentals
- Scripting programming

I encourage @Carmen K. Ma and @Whitney Evans to follow this path!

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D49 (2021-02-21): Successfully installed the Alteryx Designer x64 with the Alteryx for Good Designer License. Very excited to learn its functionalities.

I encourage @Faye Yin and @Andrea Chou to follow this path!

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D48 (2021-02-20): Continued with lesson 3.

I encourage @Eman and @Mercy Olaleye to follow this path!

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D47 (2021-02-19): Had a meeting with my Data Engineering Training group, I've got to present some projects where I'll use apache spark, apache beam and the GCP services.

I encourage @Monika Zofal and @Michelle Boose-McKesson to follow this path!

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D46 (2021-02-18): Had a follow-up session with the Epitech guys and also with the students from the course I am teaching at #DiscienceEcuador.

I encourage @Gustavo and @Ameenah to follow this path!

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D45 (2021-02-17): Completed the Data Insights Module of the KPMG Virtual Experience Program.

I encourage @Gustavo and @Ana João to follow this path!

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D44 (2021-02-16): Reviewed some key concepts about DS.

I encourage @athipat.v and @Ha Nguyen to follow this path!

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D43 (2021-02-15): Continued with lesson 3.

I encourage @Andre Vandor de Oliveira and @Julien Faucheux to follow this path!

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D42 (2021-02-13): Started with lesson 3.

I encourage @Muhammad Zain Tariq and @Wilson A Zuleta to follow this path!

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D41 (2021-02-12): Finished lesson 2.

I encourage @Gabrielle Lima and @Franzi to follow this path!

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D40 (2021-02-11): Taught my second on-line class for #DiscienceEcuador. Today's topics include Unix, terminal, bash and CLI in different linux flavors.

I encourage @Tim Schröder and @Thuy Tran to follow this path!

DAY 39 (2021-02-10): Continued with lesson 2.

I encourage @Diana C. and @Ernest to follow this path!

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D38 (2021-02-09): Reviewed some google collab notebooks for the DS course I am supervising.

I encourage @Trang and @Ursula Holzer to follow this path!

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D37 (2021-02-08): Had a weekly Al6 Quito meeting where we set some agreements previous to launching our DL+RL 2021 workshop.

I encourage @Irina La Touf and @Pamela Dekpo to follow this path!

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D36 (2021-02-07): Continued with lesson 2.

I encourage @Roumaissaa Madoui and @Kimberly Cris Estrella to follow this path!

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D35 (2021-02-06): Had my first on-line class for #DiscienceEcuador, Everything went smoothly and the people are excited to learn about biological data manipulation.

I encourage @Viktoriia-Iryna Turkoliak and @birozso to follow this path!

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D34 (2021-02-05): Had a meeting with my Epitech team, the DS module we have developed is getting better day by day!

I encourage @Max Bergmann and @Haseeb Ahmed Khan to follow this path!

D33 (2021-02-04): Had a meeting with my Data Engineering Training group. Created accounts on ORCID and Google Scholar. I invite you all to read my publications.

https://orcid.org/0000-0002-5297-0426

https://scholar.google.com/citations?user=H20j7CUAAAAJ&hl=en

I encourage @Cláudio Guarda and @Harshit Kumar to follow this path!

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D32 (2021-02-03): Read this paper.

I encourage @iyiola_daniel and @Erika F. to follow this path!

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D31 (2021-02-02): Had my weekly Al6 meeting, it seems that for this year's workshop we will cover DL+RL.

I encourage @Richard and @Depender Kumar Soni to follow this path!

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D30 (2021-02-01): [HALF-WAY TO FINISH THE CHALLENGE]... Started with lesson 2: Selecting an Analytical Framework.

I encourage @Rosaria and @Rosana Santos to follow this path!

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D29 (2021-01-31): Finished lesson 1.

I encourage @Uchenna Duru and @Ursula Holzer to follow this path!

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D28 (2021-01-30): Continued with lesson 1 after a while.

I encourage @Bibi and @Alejandro Juárez to follow this path!

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D27 (2021-01-29): Getting all set up for launching my first on-line course at #DiscienceEcuador. It will cover both AI and Life Sciences topics.

I encourage @Haoma Worgwu and @Peace Peters to follow this path!

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D26 (2021-01-28): Had my weekly meeting where we are planning some lectures for academic modules in DS, ML and DL.

I encourage @Adrian Sowa and @Nicky Bass to follow this path!

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D25 (2021-01-27): Finished successfully my 30 ECTS second semester of the Master in Data Science at @Universitat Oberta de Catalunya. This semester was comprised of the following subjects:

- 1. Programming for data science
- 2. Design and use of analytical databases
- 3. Data Types and Life Cycles
- 4. Advanced Statistics
- 5. Data Visualization

I encourage @Gali Sztern and @Zingo Tropus to follow this path!

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D24 (2021-01-26): had my weekly Al6 meeting and another one where we discussed a data analytics project using datasets from <u>here</u>.

I encourage @Regine and @Konstantin Gavras to follow this path!

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D23 (2021-01-25): Learned about Reinforcement Learning.

I encourage @Uchenna Duru and @FatouKaneLo to follow this path!

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D22 (2021-01-24): worked editing some academic material for Epitech.

I encourage @Yididya and @kenny yafer lopez rayo to follow this path!

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D21 (2021-01-23): Prepared for a Health Informatics test about this paper https://www.nature.com/articles/s41591-018-0213-5

I encourage @Don Angeles and @Gerardo Valencia to follow this path!

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DAY 20 (2021-01-22): Had an onboarding meeting with the <u>Al6 team for 2021</u> where we will launch an Al workshop in the upcoming months.

I encourage @Bea Groenewald and @Tamara Breimhorst to follow this path!

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DAY 19 (2021-01-21): Had the monthly journal club meeting with RSG-Ecuador where we discussed the paper: "Improved protein structure prediction using potentials from deep learning"

I encourage @MOSTAFA KAREM MAHMOUD MOHAMED and @Mia to follow this path!

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D18 (2021-01-20): I worked with web design for the society of computational biology I am part of. I invite you to visit it and give me some feedback =D

I encourage @northern-flower and @José Pablo Gómez B. to follow this path!

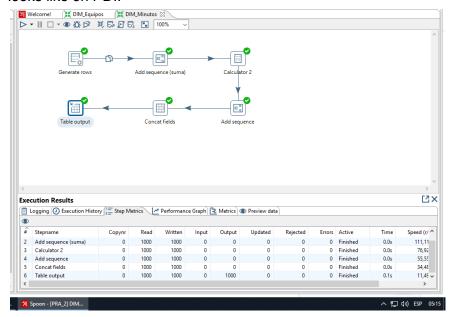
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D17 (2021-01-19): Joined the monthly meeting of <u>Saturdays.ai</u> City Leads where all the latinamerican leaders discussed the IoT, ML and DL workshops to be launched in 2021.

I encourage @Debo Falode and @Florin Puica to follow this path!

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D16 (2021-01-18): Continued developing an ETL pipeline. This is how a successful process looks like on PDI:



I encourage @MisanJ and @Ursula Holzer to follow this path!

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D15 (2021-01-17): Created facts and dimensions for a project involving analytical databases.

I encourage @Homar Karidioula and @Rosana Santos to follow this path!

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D14 (2021-01-16): Worked integrating different data file formats and developing an ETL pipeline using basketball related data.

Datasets are published here: https://stats.wnba.com/, https://stats.wnba.com/, https://stats.wnba.com/,

I encourage @Guilherme Oliveira and @Rosaria to follow this path!

D13 (2021-01-15): Watched this video about Deep Learning and Neural Networks.

I encourage @Yannic Schlegel and @Tracey Mukuru to follow this path!

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D12: (2021-01-14): Continued with Lesson 1, had a meeting with my Big Data Training Team.

I encourage @Xavier Herrera and @Alexander to follow this path!

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D11 (2021-01-13): worked with the analysis of this data.

I encourage @Gabriela Urquieta and @Richard to follow this path!

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D10 (2021-01-12): Attended my weekly session of <u>Saturdays.Al</u> the artificial intelligence community I am part of and discussed prospective projects using machine/deep learning.

I encourage @Yesirat Ganiyu and @Victor Garcia C. to follow this path!

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D9 (2021-01-11): Continued working with this dataset on PyCharm.

I encourage @Yesirat Ganiyu and @amel juini to follow this path!

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D8 (2021-01-10): Learned and practiced about the Unit testing framework.

I encourage @Simply Sarah and @Uzodimma to follow this path!

D7 (2021-01-09): Configured a new VM with Xubuntu to work with some DS projects.

I encourage @ and @ to follow this path!

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D6 (2021-01-08): I worked with a python final project that I'm doing using this dataset:

I encourage @Konstantin Gavras and @Fii to follow this path!

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D5 (2021-01-07): As part of my Master's in DS I was assigned to watch three speeches: I paste the links over here and I recommend you to watch them if you have the time.

- The wonderful and terrifying implications of computers that can learn | Jeremy Howard: https://www.youtube.com/watch?v=t4kyRyKyOpo
- Machine intelligence makes human morals more important | Zeynep Tufekci: https://www.youtube.com/watch?v=hSSmmlridUM
- The problem with "Trickle-down techonomics" | Jon Gosier: https://www.youtube.com/watch?v=POTosC2q6Hs

I encourage @Carlo Ertola and @Eze Favour to follow this path!

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D4 (2021-01-06): Worked with a project using python for file parsing. Check out my Github repo here.

I encourage @Alexander Z. and @Kaja to follow this path!

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D3 (2021-01-05): continued with lesson 1: The Analytical Problem.

I encourage @WAFULA TITUS and @Feyitimi Victor Dimeji to follow this path!

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I encourage @Jiska Hachmer and @polapob ratanachayoto to follow this path!

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D1 (2021-01-03): I accepted the challenge and began with lesson 1: The Analytical Problem.

I encourage @Fares.G and @Yusuf to follow this path!

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