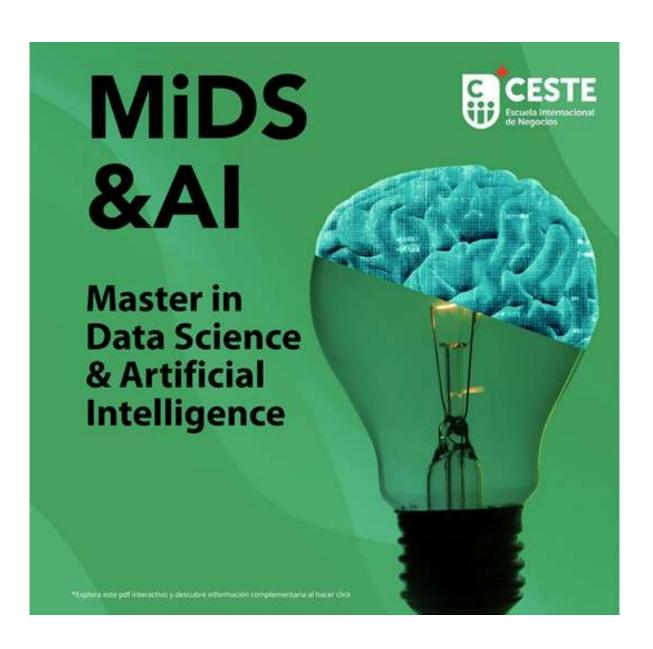
BIENVENIDOS

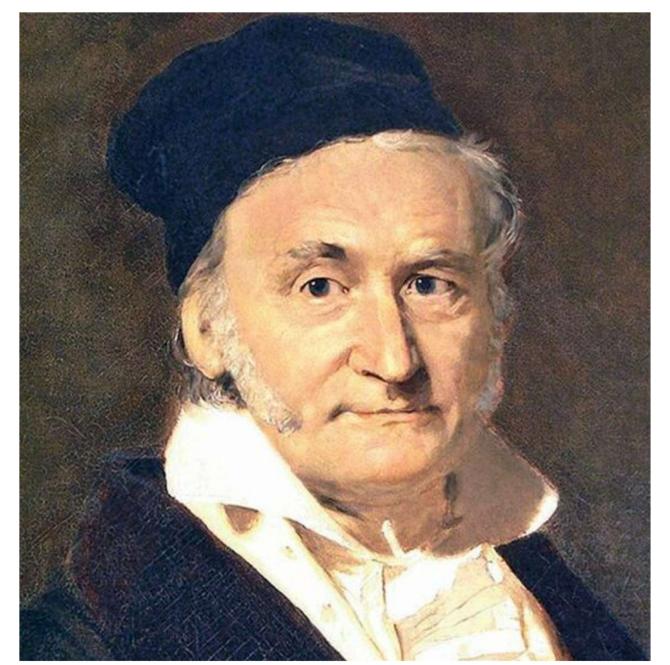
Lab de Proyecto

Master Class IA











Carl Friedrich Gauß (1777 - 1855)

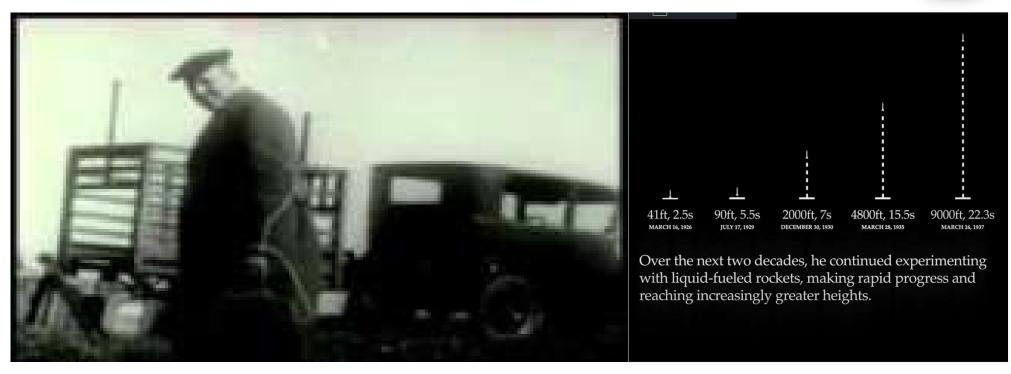
"Ich habe fleissig sein müssen; wer es gleichfalls ist, wird eben so weit kommen."





La historia de la Ciencia





Robert H. Goddard (1882 - 1945)



El mundo esta cambiando



INTELIGENCIA ARTIFICIAL MACHINE LEARNING

No solo es posible, sino que es indispensable

Artificial Intelligence needs all of us | Rachel Thomas https://www.fast.ai/





Lab de Proyecto

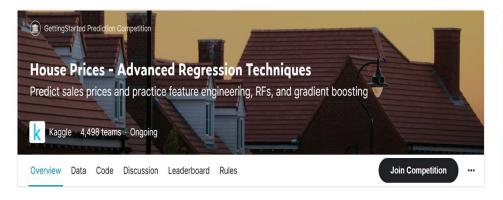


6



Reto 1

Reto 2













Equipos

GRUPO 1

DIEGO MARZO
JULIAN CORIANO

GRUPO 2

RAUL PULIDO RACHELE RENDINA RODRIGO ANCHELEGRES **GRUPO 3**

JAFET BENITEZ
JOSE MARIA CALVO
JUAN BADAL

GRUPO 4

NATALIA SISAMON JAVIER RABAL

GRUPO 5

FRANCISCO RUIZ



cpl-ceste/midsia2022_lab_proy

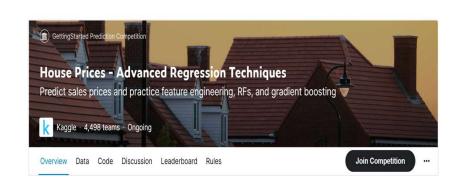


House Prices

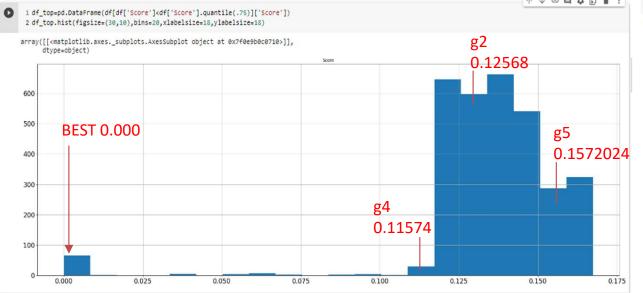
4238 participantes -> ~1060 en cada cuartil

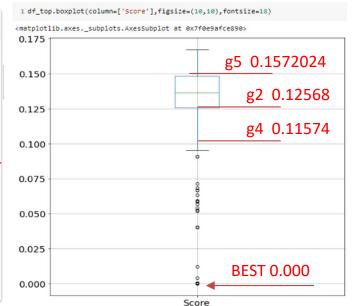
```
1 for q in [0.25,0.50, .75, 1]:
2 print(f'quantile {q} ->'+str(df['Score'].quantile(q)))

C quantile 0.25 ->0.1294
quantile 0.5 ->0.1443
quantile 0.75 ->0.16743
quantile 1 ->24.69626
```



Los 75% top ~3000 mejores









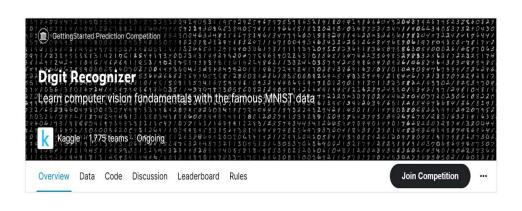
30/06/2022

Digit Recognizer

1376 participantes -> 350 en cada cuartil

```
1 for q in [0.25,0.50, .75, 1]:
2 print(f'quantile {q} ->'+str(df['Score'].quantile(q)))

C quantile 0.25 ->0.9697724999999999
quantile 0.5 ->0.985885
quantile 0.75 ->0.9926
quantile 1 ->1.0
```



Los 75% top ~1000 mejores

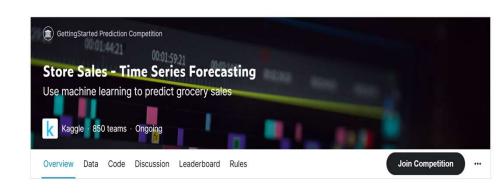
30/06/2022



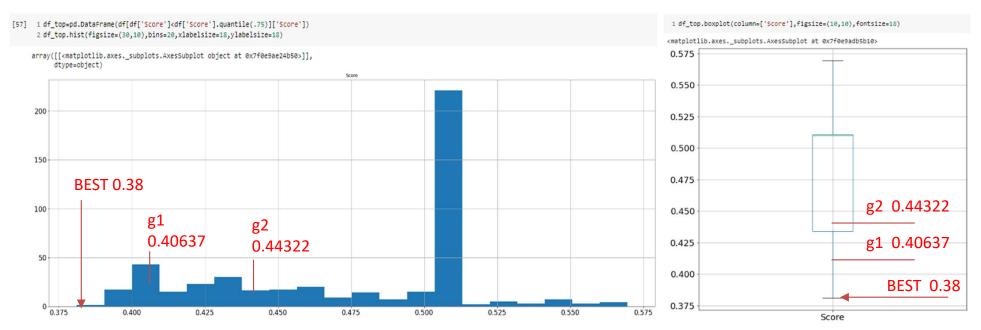


Store Sales

630 participantes -> 150 en cada cuartil



Los 75% top ~470 mejores





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NLP Disaster Tweets

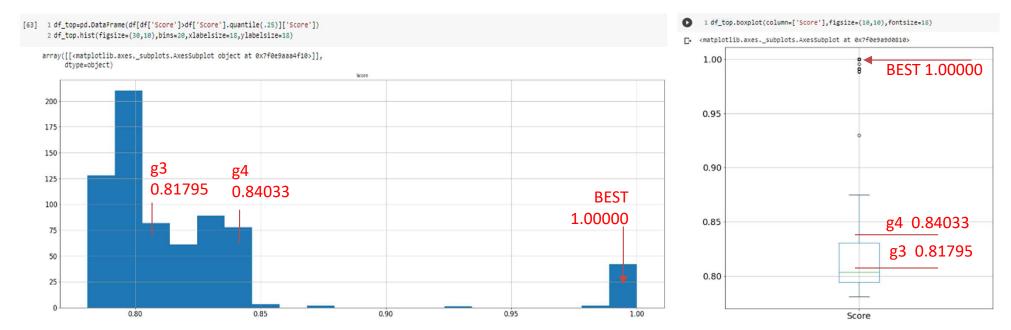
954 participantes -> 240 en cada cuartil

```
1 for q in [0.25,0.50, .75, 1]:
2 print(f'quantile {q} ->'+str(df['Score'].quantile(q)))

C quantile 0.25 ->0.78057
quantile 0.5 ->0.7965
quantile 0.75 ->0.82071
quantile 1 ->1.0
```



Los 75% top ~750 mejores





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