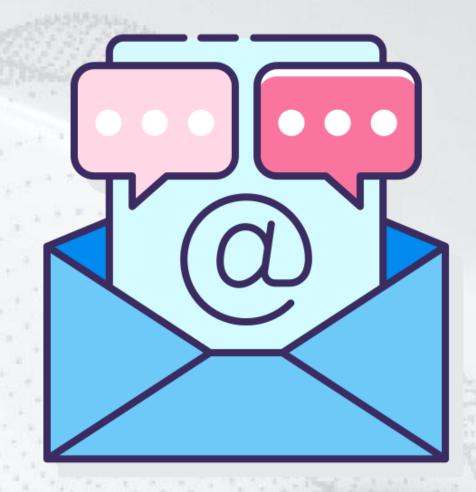


Tuning Modelo Email Spam





Caso Email Spam

• El objetivo de esta actividad aplicar las técnicas para la optimización del modelo de clasificación.



Spambase Data Set

Download: Data Folder, Data Set Description

Abstract: Classifying Email as Spam or Non-Spam

Deleted Rems							
0	From	Sajed					
	CatoorProv.	Get the car of your disease with Cart partitionable resident					
C2	10stepare	How CAC few You Ready? - Lake the Readings feet					
12.0	Disrothy Larent	[rights was to make it growth]					
	Berylmene s	water dent					
13	Management or .	Special for PlanGames Plansber Office					
13	Accept Gredit	Process Credit Cards for Descrip Provid Codi.					
à	Sames	Year Pharmacy vib					
	Queb Cook A	Get A \$500 Cash Advance					
	Lensed Develop	brunfeit entrenatio					
12	eddys land	Office IP - 900					
	Comp Dept	Get a complementary Starbucks GPt Card on us					
à	Guedalpe N	Pay to American to the Man Behind the Curtain					
12	Surest Media	Get ready for monday OTOPE DETS.					

Data Set Characteristics:	Multivariate	Number of Instances:	4601	Area:	Computer
Attribute Characteristics:	Integer, Real	Number of Attributes:	57	Date Donated	1999-07-01
Associated Tasks:	Classification	Missing Values?	Yes	Number of Web Hits:	514344

https://archive.ics.uci.edu/ml/datasets/spambase

Instrucciones

- Onstruya un notebook ordenado, reproducible y documentado
- Aplique técnicas de balanceo de datos
- Aplique técnicas de optimización de hiperparámetros
- Utilice parámetros de regularización
- Ompare los resultados del modelo antes de la optimización y después de la optimización
- (Elabore conclusiones





¡Gracias!