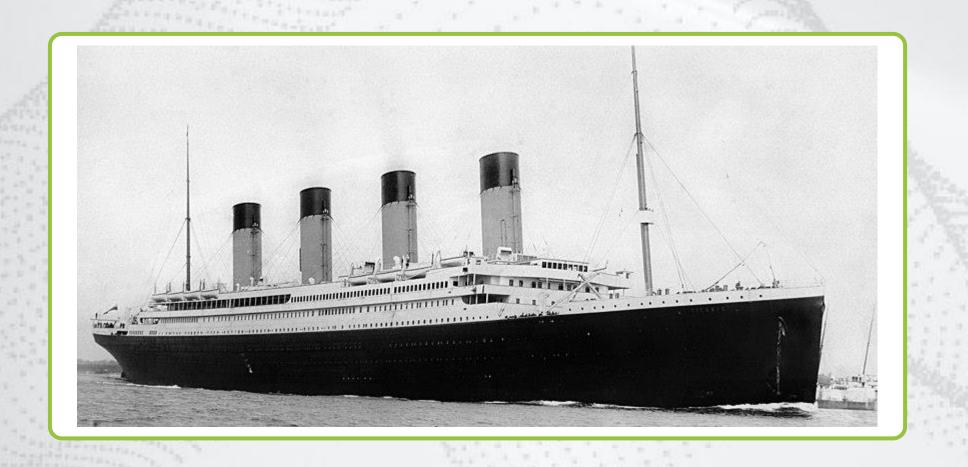


Actividad Análisis Univariado Titanic

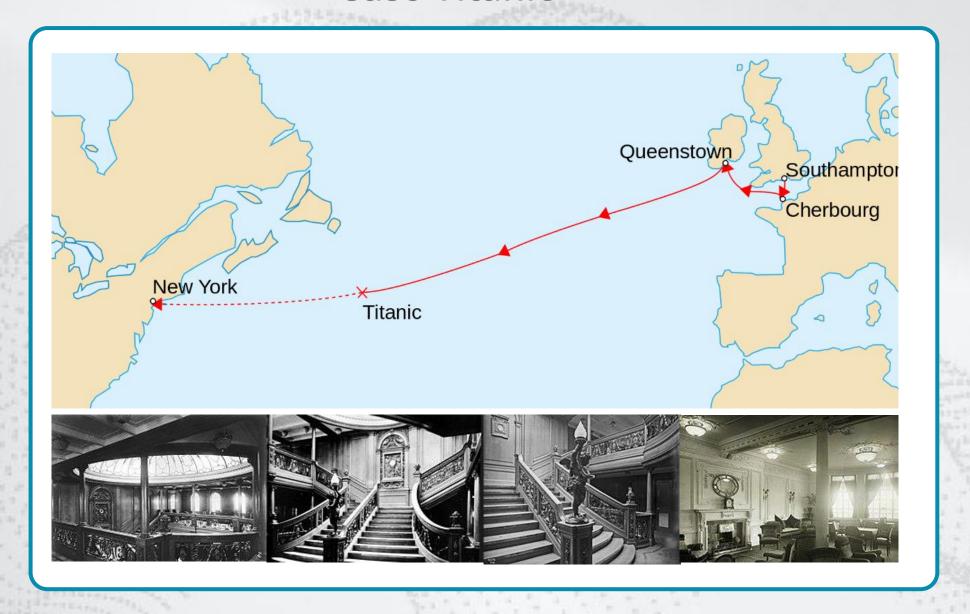


#### Caso Titanic

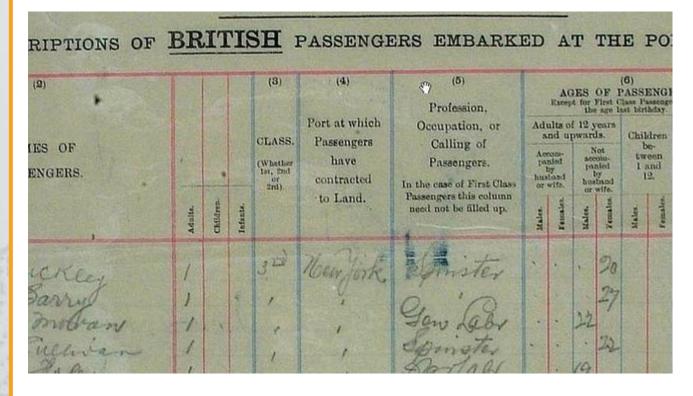
El 10 de Abril de 1912 partió desde el puerto de Southampton hacia New York el transatlántico Titanic, que sufrió un siniestro la noche del 14 de abril, en donde murieron 1.492 personas de un total de 2.208 convirtiendo esta tragedia en uno de los mayores naufragios de la historia.



## Caso Titanic



## Nómina de pasajeros



Returns of Passengers leaving the United Kingdom in ships bound for places out of Europe, and not within the Mediterranean Sea.  18. — All Passengers served by man drope or to be included within the Mediterranean Sea.  18. — All Passengers served by man drope or to be included within the Mediterranean Sea.  18. — All Passengers served by man drope or to be included within the Mediterranean Sea.  18. — All Passengers served by man drope or to be included within the Mediterranean Sea.  18. — All Passengers served by man drope of the Sea of the Se	ME	CHANT	SHIPPING	ACT,	1906,	and	ALIEN	S ACT	r, 1905.
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1 hereby thereby the the Provisions assessed that the Ship serverthines, according to the magnitudes of the Merchant Shipping Arts, for a very gas of the Mercha	Hilp's Noon.	Official Number	Proceeding Live	Harri	n X-m	Engineeral Trapage	Total Control of the		When Road
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# Set de datos

	Passengerld	Survived	Pclass	Name	Sex	Age	Sib Sp	Parch	Ticket	Fare	Cabin	Embarked
)	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/5 21171	7.2500	NaN	S
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs $\operatorname{Th} \ldots$	female	38.0	1	0	PC 17599	71.2833	C85	С
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/O2. 3101282	7.9250	NaN	S
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113803	53.1000	C123	S
4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373450	8.0500	NaN	S
5	6	0	3	Moran, Mr. James	male	NaN	0	0	330877	8.4583	NaN	Q
6	7	0	1	McCarthy, Mr. Timothy J	male	54.0	0	0	17463	51.8625	E46	S
7	8	0	3	Palsson, Master. Gosta Leonard	male	2.0	3	1	349909	21.0750	NaN	S
8	9	1	3	Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)	female	27.0	0	2	347742	11.1333	NaN	S
9	10	1	2	Nasser, Mrs. Nicholas (Adele Achem)	female	14.0	1	0	237736	30.0708	NaN	С

#### Set de datos

#### A continuación se describe cada columna:

- PassengerId: Muestra el id del Pasajero (correlativo)
- Survived: Se encuentra en 2 valores 0 si murió en la trajedia y 1 si sobrevivió
- Pclass: Determina la clase del pasajero, 1ra, 2da o 3era clase.
- Name: Nombre de los Pasajeros
- Sex: Sexo de los Pasajeros
- Age: Edad de los Pasajeros
- SibSp: Número de parientes como Hermano, Hermana, Hermanastra, Hermanastro, Esposo o Esposa.
- Parch: Número de parientes como Madre, Padre, Hijo, Hija, Hijastro, Hijastra
- Ticket: Número del ticket o boleto
- Fare: Tarifa del pasaje.
- Cabin: Número de cabina del pasajero.
- Embarked: Muestra los datos del puerto de embarcaquedero. (C = Cherbourg, Q = Queenston, S = Southapmtpon)

#### Instrucciones

Construya un notebook jupyter, ordenado, bien documentado y reproducible, que permita responder lo siguiente:

- Análisis univariado de la edad de los pasajeros
  - Análisis univariado del valor del pasaje
- Del análisis anterior, ¿Qué insights puede levantar?

# Gracias