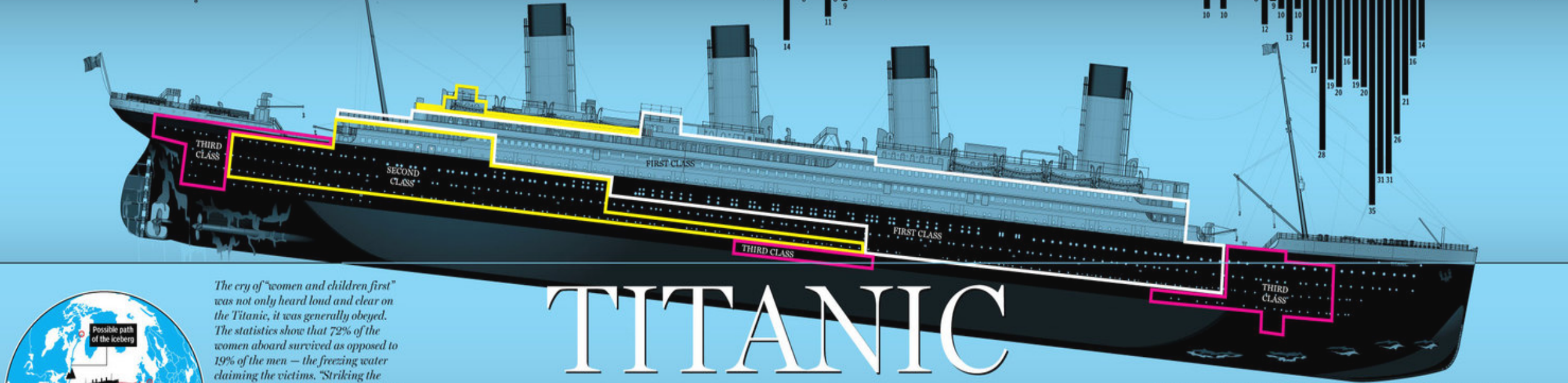# Titanic Survival Analysis Dashboard

He paid £30 10s for his ticket.

SURVIVED

way to Winnipeg as Second Class passengers. Their ticket cost £ 26 5s.

SURVIVED

deadly silence that came after.... It was frightful.
— Carla Andersen-Jensen, 19, on her way to the U.S. She was on a £7 17s ticket.

SURVIVED

DIED

DIED

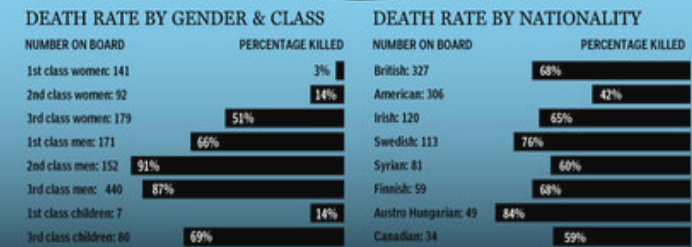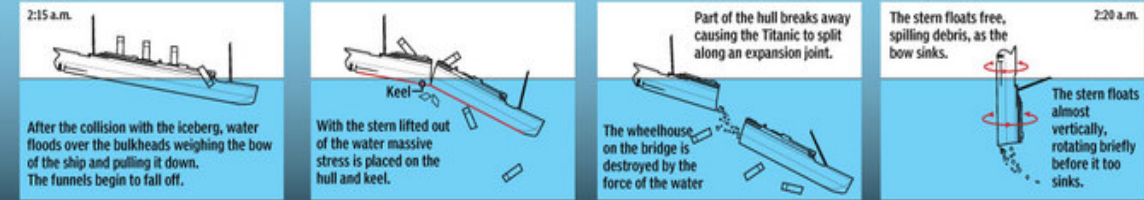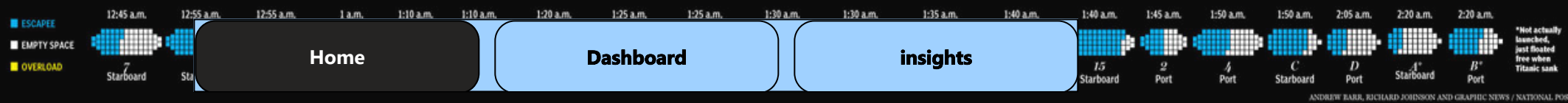**DIED**
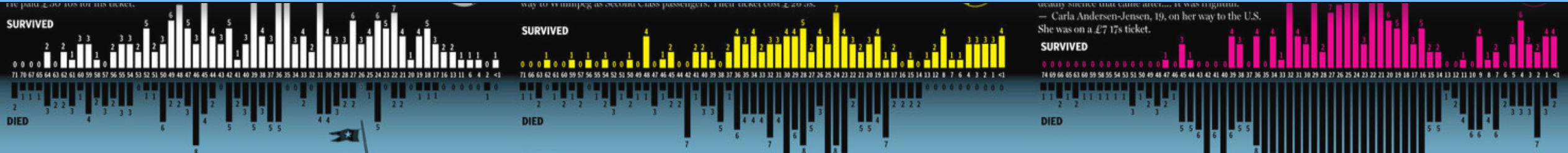
The cry of "women and children first" was not only heard loud and clear on the Titanic, it was generally obeyed. The statistics show that 72% of the women aboard survived as opposed to 19% of the men — the freezing water claiming the victims. "Striking the water was like a thousand knives being driven into one's body," said Second Officer Charles Lightoller. "The temperature was 28f, four degrees below freezing." But class, too, played its part in the disaster. Of the First Class passengers 62% survived, a number that dropped to 39% for Second Class passengers. Of the 700 Third Class passengers, only 24% survived.
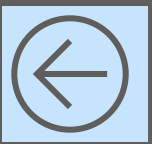
Possible path of the iceberg

Titanic collides with iceberg and sinks

Titanic route

TITANIC

THIRD CLASS

SECOND CLASS

FIRST CLASS

FIRST CLASS

THIRD CLASS

THIRD CLASS

What caused the "unsinkable" Titanic, built with the latest 20th century technology, including 16 watertight compartments, to actually go down?

2:15 a.m.
After the collision with the iceberg, water floods over the bulkheads weighing the bow of the ship and pulling it down. The funnels begin to fall off.

Keel
With the stern lifted out of the water massive stress is placed on the hull and keel.

Part of the hull breaks away causing the Titanic to split along an expansion joint.
The wheelhouse on the bridge is destroyed by the force of the water

The stern floats free, spilling debris, as the bow sinks.
2:20 a.m.
The stern floats almost vertically, rotating briefly before it too sinks.

DEATH RATE BY GENDER & CLASS

NUMBER ON BOARD	PERCENTAGE KILLED
1st class women: 141	3%
2nd class women: 92	14%
3rd class women: 179	51%
1st class men: 171	66%
2nd class men: 152	91%
3rd class men: 440	87%
1st class children: 7	14%
3rd class children: 80	69%

DEATH RATE BY NATIONALITY

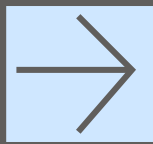| NUMBER ON BOARD	PERCENTAGE KILLED
British: 327	68%
American: 306	42%
Irish: 120	65%
Swedish: 113	76%
Syrian: 81	60%
Finnish: 59	68%
Austro Hungarian: 49	84%
Canadian: 34	59%

THE LIFEBOAT LAUNCHES

The Titanic carried 20 lifeboats, enough for 1,178 people. But even though there weren't enough boats for people, many of them were still launched with empty seats. Some officers feared overfilling the lifeboats would cause them to sink.

■ ESCAPEE
□ EMPTY SPACE
■ OVERLOAD

| 12:45 a.m. | 12:55 a.m. | 12:55 a.m. | 1 a.m. | 1:10 a.m. | 1:10 a.m. | 1:20 a.m. | 1:25 a.m. | 1:25 a.m. | 1:30 a.m. | 1:30 a.m. | 1:35 a.m. | 1:40 a.m. | 1:40 a.m. | 1:45 a.m. | 1:50 a.m. | 1:50 a.m. | 2:05 a.m. | 2:20 a.m. | 2:20 a.m. |

7
Starboard

15
Starboard
2
Port
4
Port
C
Starboard
D
Port
4*
Starboard
B*
Port

*Not actually launched, just floated free when Titanic sank

ANDREW BARR, RICHARD JOHNSON AND GRAPHIC NEWS / NATIONAL POST

Titanic Survival Analysis

40.4%
Survival Rate

Gender
All

PassengerClass
All

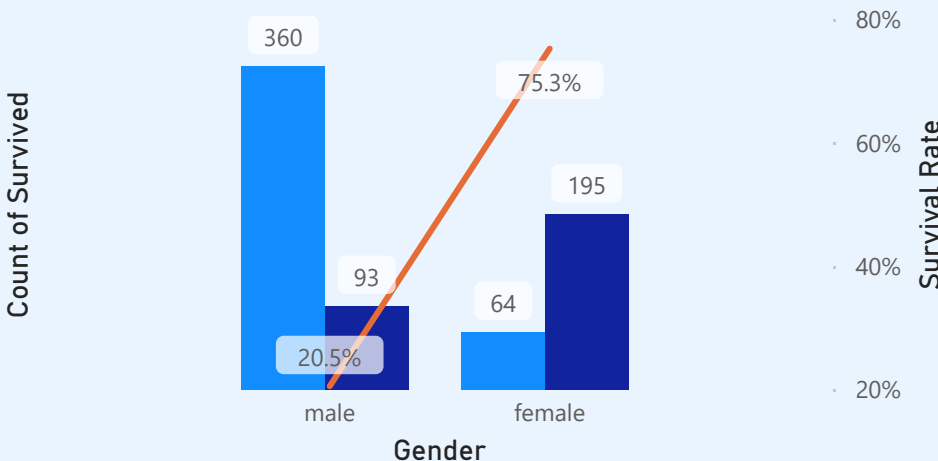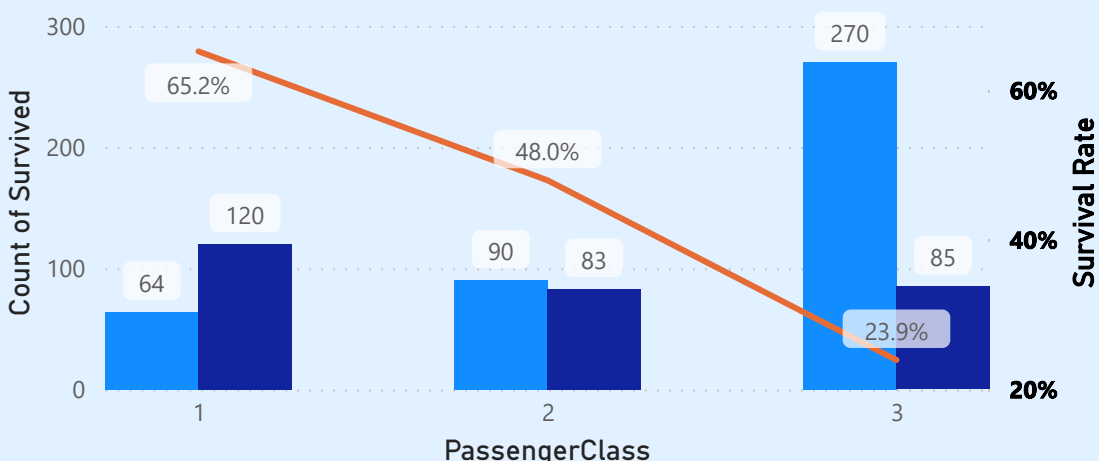**Embarked**
All

Count of Survived and Survival Rate...

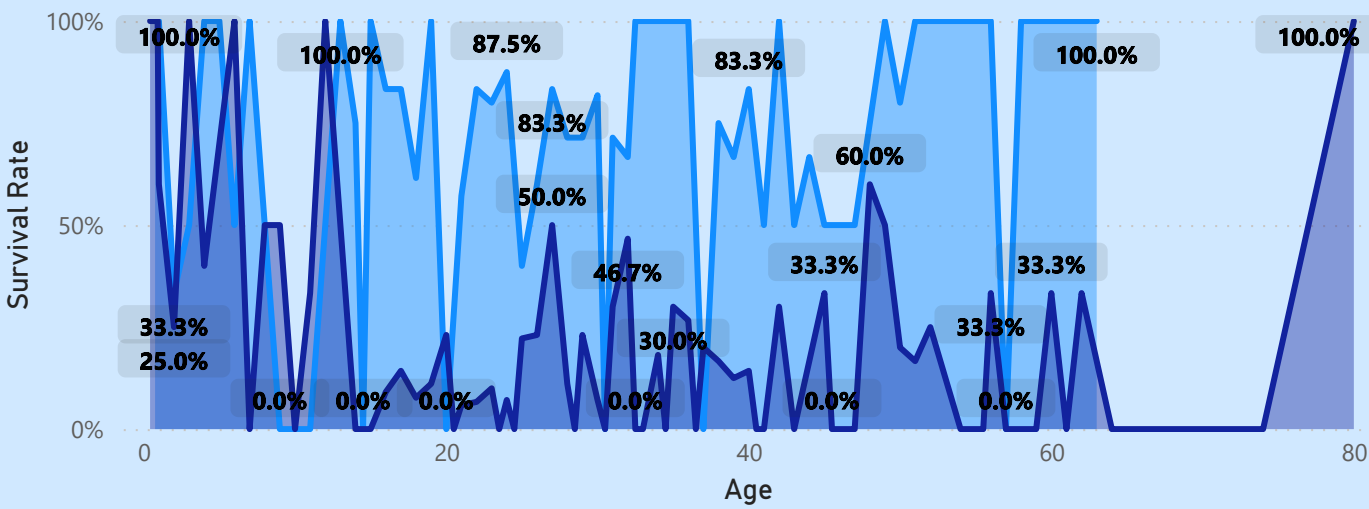Survived ● 0 ● 1 ● Survival Rate

Count of Survived and Survival Rate by Pass...
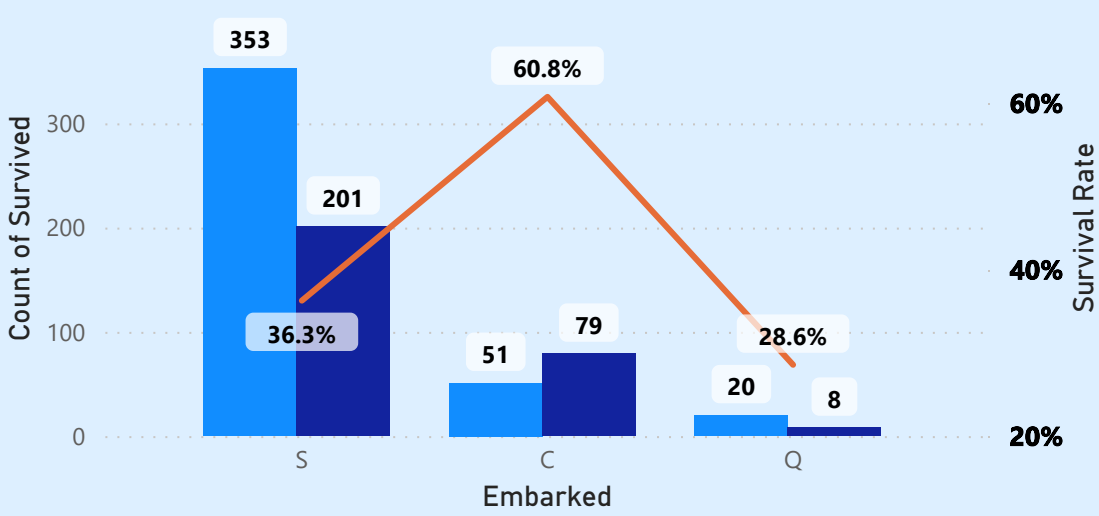
Survived ● 0 ● 1 ● Survival Rate

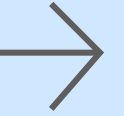## Survival Rate by Age and Gender

Gender ● female ● male

Count of Survived and Survival Rate by Embark...

Survived ● 0 ● 1 ● Survival Rate

1) Count of Survival and survival rate the gender wise male and female male is 75.3% and female is 20.5%.

2)Count of survival and survival rate of the passenger class first class is 65.2% second class is 48% third class is 23.9%.

3)survival rate by age and gender wise survival 0 to 20 age highest male survival and 20 to 60 age highest female survival .

4)Count of survived and survival rate by s embarked 36.3% and c embarked 30% and q embarked is 28.3% survival rate.

5)survival rate is all total 40%.