



Train Data Set

- Total number of passengers: 891
- Total number of females :314
- Total number of males :577

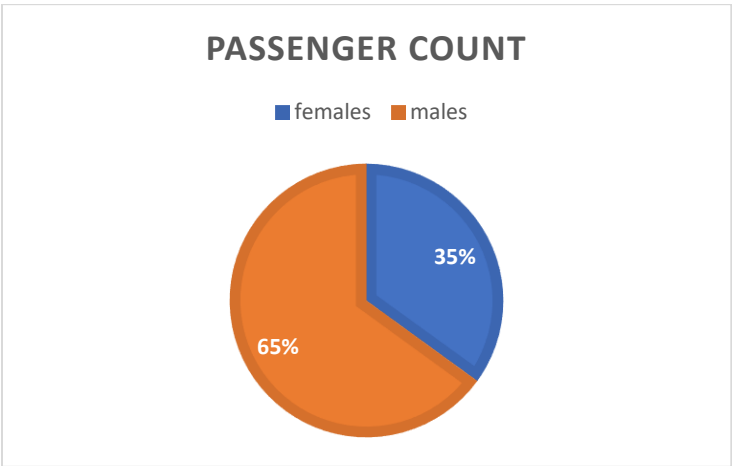


Fig1: Percentage of male and female passengers

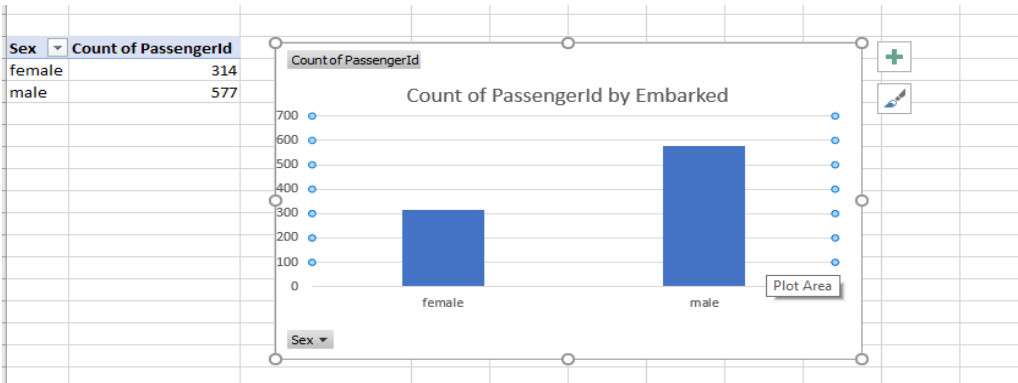


Fig2: Count of male and female passengers

In 891 travelers, 65 % were males and 35% were females. 314 female passengers and 577 male passengers.

Survived Passengers

- 🧑 Number of people survived : 342
- 🧑 Number of males survived : 109
- 🧑 Number of females survived: 233

Only 38% people survived out of 891. Out of this survived people 32% were males and 68% were females.

Died Passengers

- 🧑 Number of people died : 557
- 🧑 Number of males died : 468
- 🧑 Number of females died : 89

Around 62% people died. Out of died people, 84% were males 16% were females.

Passenger Class

There are 3 types of passenger class; class1, class2, class3. The details of passengers in each class is listed below.

Class 1

- 🏆 Number of passengers : 216
- 🧑 Number of males : 122
- 🧑 Number of females : 94

Class 2

- 🏆 Number of passengers : 184
- 🧑 Number of males : 108
- 🧑 Number of females : 76

Class 3

- 🏆 Number of passengers : 491
- 🧑 Number of males : 347
- 🧑 Number of females : 144

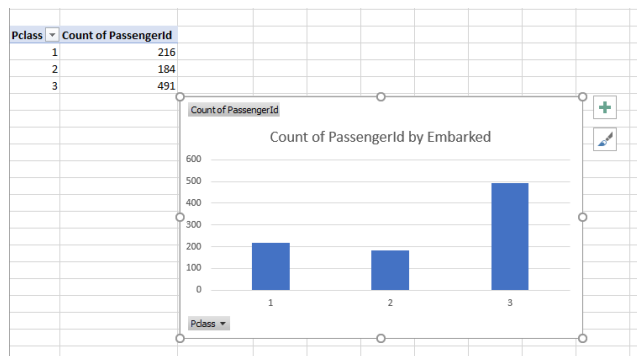


Fig3.1: Count of passengers in different classes

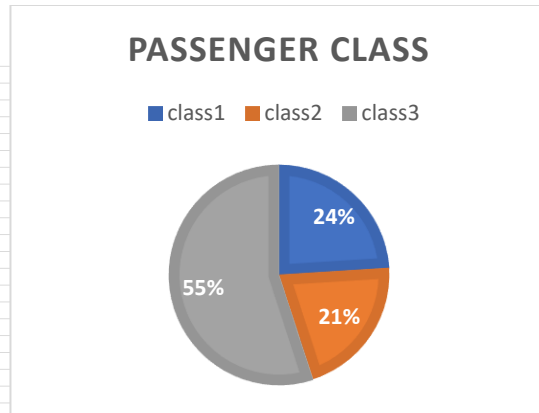


Fig3.2: Percentage of passengers in different classes

Analyzing, we can observe that 24% passengers travelled in class1; in which 56% are males and 44% are females. Class 2 has less passengers .21% passengers travelled in class 2, in which 59% are males and 41% females. Class 3 occupies a major of 55% passengers, out of which 71% are males followed by 29% females.

Infants Travelled in Titanic



Number of infants: 7



Survived infants: 7

A	B	C	D	E	F	G	H	I	J	K	L	M
Passen	Survive	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark	
79	1	2	Caldwell, Master. Alden Gates	male	0.83	0	2	248738	29	S		
306	1	1	Allison, Master. Hudson Trevor	male	0.92	1	2	113781	151.55	C22 C26	S	
470	1	3	Baclini, Miss. Helene Barbara	female	0.75	2	1	2666	19.2583	C		
645	1	3	Baclini, Miss. Eugenie	female	0.75	2	1	2666	19.2583	C		
756	1	2	Hamalainen, Master. Viljo	male	0.67	1	1	250649	14.5	S		
804	1	3	Thomas, Master. Assad Alexander	male	0.42	0	1	2625	8.5167	C		
832	1	2	Richards, Master. George Sibley	male	0.83	1	1	29106	18.75	S		

Fig4 : Details of infants travlled in Train dataset

Children below age 10

Number of children: 57

Survived children: 31

Passenger Proffesion

Captain

The captain Edward gifford were in class1 and didn't survived.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Passen	Survive	Pclass	last Name	first name	first namee	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark			
747	0	1	Crosby	Capt	Edward Gifford	70	1	1	WE/P 573	71	B22	S			
893															
894															
895															

Fig5: Details of captain travelled in Train dataset

Doctors

There were 7 doctors travelled and none of them where in class 3, in which only 3 doctors survived.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Passen	Survive	Pclass	last Name	first name	first namee	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark	
246	0	1	Minahan	Dr	William Edward	44	2	0	19928	90	C78	Q	
318	0	2	Moraweck	Dr	Ernest	54	0	0	29011	14		S	
399	0	2	Pain	Dr	Alfred	23	0	0	244278	10.5		S	
633	1	1	Stahelin-Maeglin	Dr	Max	32	0	0	13214	30.5	B50	C	
661	1	1	Frauenthal	Dr	Henry William	50	2	0	PC 17611	133.65		S	
767	0	1	Brewe	Dr	Arthur Jackson		0	0	112379	39.6		C	
797	1	1	Leader	Dr	Alice (Farnham)	49	0	0	17465	25.9292	D17	S	

Fig6: Details of Doctors travelled in Train dataset

Priest

Six priest travelled and all of them travelled in class 2 and none of them survived.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Passen	Survive	Pclass	last Name	first name	first namee	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark	
150	0	2	Byles	Rev	Thomas Roussel Davids	42	0	0	244310	13		S	
151	0	2	Bateman	Rev	Robert James	51	0	0	S.O.P. 116	12.525		S	
250	0	2	Carter	Rev	Ernest Courtenay	54	1	0	244252	26		S	
627	0	2	Kirkland	Rev	Charles Leonard	57	0	0	219533	12.35		Q	
849	0	2	Harper	Rev	John	28	0	1	248727	33		S	
887	0	2	Montvila	Rev	Juozas	27	0	0	211536	13		S	

Fig7: Details of Priests travelled in Train dataset

Eldest passenger

The youngest passenger in Train dataset was Mr.Algernon Henry Wilson Barkworth,who is 80 years old survived.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Passen	Survive	Pclass	last Name	prefix	first name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark		
632	631	1	Barkworth	Mr	Algernon Henry Wilson	male	80	0	0	27042	30	A23	S		
893															

Fig8: Details of eldest passenger in Train dataset

Youngest passenger

The youngest passenger in Train dataset was Master.Assad Alexander Thomas,who is just 5 months old survived.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Passen	Survive	Pclass	last Name	prefix	first name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark		
605	804	1	Thomas	Master	Assad Alexander	male	0.42	0	1	2625	8.5167	C			
893															

Fig9: Details of youngest passenger in Train dataset

Siblings

The 8 siblings were the largest sibling group travelled and none of them survived. They travelled in class 3.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Passen	Survive	Pclass	last Name	prefix	first name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark		
160	0	3	Sage	Master	Thomas Henry	male		8	2	CA. 2343	69.55	S			
181	0	3	Sage	Miss	Constance Gladys	female		8	2	CA. 2343	69.55	S			
202	0	3	Sage	Mr	Frederick	male		8	2	CA. 2343	69.55	S			
325	0	3	Sage	Mr	George John Jr	male		8	2	CA. 2343	69.55	S			
793	0	3	Sage	Miss	Stella Anna	female		8	2	CA. 2343	69.55	S			
847	0	3	Sage	Mr	Douglas Bullen	male		8	2	CA. 2343	69.55	S			
864	0	3	Sage	Miss	Dorothy Edith "Dolly"	female		8	2	CA. 2343	69.55	S			

Fig 10: Details of one of the siblings travelled

Highest Fare

The greatest fare is \$512, only 3 people travelled in this fare and all three survived.

Passen	Survive	Pclass	last Na	prefix	first name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark
260	259	1	1 Ward	Miss	Anna	female	35	0	0	PC 17755	512.3292		C
681	680	1	1 Cardeza	Mr	Thomas Drake Martinez	male	36	0	1	PC 17755	512.3292	B51 B53 B54	C
739	738	1	1 Lesurer	Mr	Gustave J	male	35	0	0	PC 17755	512.3292	B101	C

Fig 11: Details of passenger paid \$512 fare

The fig12 shows that people with higher ticket fare survived in a higher proportion. Only few of them died.

Passen	Survive	Pclass	last Na	prefix	first name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark
28	0	1	Fortune	Mr	Charles Alexander	male	19	3	2	19950	263	C23 C25 C	S
119	0	1	Baxter	Mr	Quigg Edmond	male	24	0	1	PC 17558	247.5208	B58 B60	C
378	0	1	Widener	Mr	Harry Elkins	male	27	0	2	113503	211.5	C82	C
439	0	1	Fortune	Mr	Mark	male	64	1	4	19950	263	C23 C25 C	S
528	0	1	Farthing	Mr	John	male		0	0	PC 17483	221.7792	C95	S
558	0	1	Robbins	Mr	Victor	male		0	0	PC 17757	227.525		C
89	1	1	Fortune	Miss	Mabel Helen	female	23	3	2	19950	263	C23 C25 C	S
259	1	1	Ward	Miss	Anna	female	35	0	0	PC 17755	512.3292		C
300	1	1	Baxter	Mrs	James (Helene DeLaudeniére Chaput)	female	50	0	1	PC 17558	247.5208	B58 B60	C
312	1	1	Ryerson	Miss	Emily Borie	female	18	2	2	PC 17608	262.375	B57 B59 B	C
342	1	1	Fortune	Miss	Alice Elizabeth	female	24	3	2	19950	263	C23 C25 C	S
381	1	1	Bidois	Miss	Rosalie	female	42	0	0	PC 17757	227.525		C
680	1	1	Cardeza	Mr	Thomas Drake Martinez	male	36	0	1	PC 17755	512.3292	B51 B53 B54	C
690	1	1	Madill	Miss	Georgette Alexandra	female	15	0	1	24160	211.3375	B5	S
701	1	1	Astor	Mrs	John Jacob (Madeleine Talmadge Force)	female	18	1	0	PC 17757	227.525	C62 C64	C
717	1	1	Endres	Miss	Caroline Louise	female	38	0	0	PC 17757	227.525	C45	C
731	1	1	Allen	Miss	Elisabeth Walton	female	29	0	0	24160	211.3375	B5	S
738	1	1	Lesurer	Mr	Gustave J	male	35	0	0	PC 17755	512.3292	B101	C
743	1	1	Ryerson	Miss	Susan Parker "Suzette"	female	21	2	2	PC 17608	262.375	B57 B59 B	C
780	1	1	Robert	Mrs	Edward Scott (Elisabeth Walton McMillan)	female	43	0	1	24160	211.3375	B3	S

Fig 12: Details of passenger travelled with higher fare

Zero Fare

Sixteen people travelled with zero fare. Only one survived and rest of 15 died

Passen	Survive	Pclass	last Na	prefix	first name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embark
180	0	3	Leonard	Mr	Lionel	male	36	0	0	LINE	0		S
264	0	1	Harrison	Mr	William	male	40	0	0	112059	0	B94	S
272	1	3	Tornquist	Mr	William Henry	male	25	0	0	LINE	0		S
278	0	2	Parkes	Mr	Francis "Frank"	male		0	0	239853	0		S
303	0	3	Johnson	Mr	William Cahoon Jr	male	19	0	0	LINE	0		S
414	0	2	Cunningham	Mr	Alfred Fleming	male		0	0	239853	0		S
467	0	2	Campbell	Mr	William	male		0	0	239853	0		S
482	0	2	Frost	Mr	Anthony Wood "Archie"	male		0	0	239854	0		S
598	0	3	Johnson	Mr	Alfred	male	49	0	0	LINE	0		S
634	0	1	Parr	Mr	William Henry Marsh	male		0	0	112052	0		S
675	0	2	Watson	Mr	Ennis Hastings	male		0	0	239856	0		S
733	0	2	Knight	Mr	Robert J	male		0	0	239855	0		S
807	0	1	Andrews	Mr	Thomas Jr	male	39	0	0	112050	0	A36	S
816	0	1	Fry	Mr	Richard	male		0	0	112058	0	B102	S
823	0	1	Reuchlin	Jonkheer	John George	male	38	0	0	19972	0		S

Fig 13: Details of people travelled with zero fare

Fare less than \$8

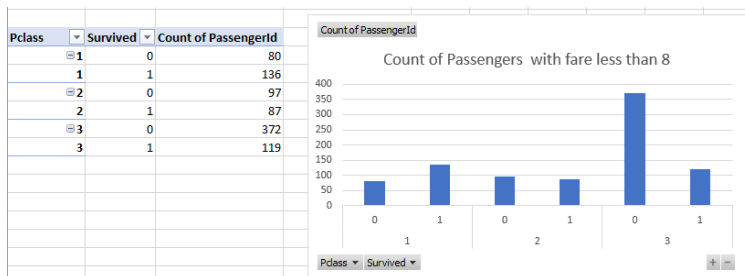


Fig 12: Details of passenger travelled with fare less than \$8

People with less fare travelled in all three class. People who travelled in less fare not survived much. People in class 3 survived more than other classes.