impo	head	as np read_csv(r'C	\Users\Lenovo\Des e={'Age': np.float		rain.csv',				
Out[7]:  0 1 2 3	Passengerld  1  2  3	1	3 Bra 1 Cumings, Mrs. John Bra	Th Heikkinen, Miss. Laina	female 38.0 female 26.0	p Parch  1 0  1 0  0 0  1 0	A/5 21171 7.2 PC 17599 71.2	2500 NaN 2833 C85 2250 NaN	Embarked S C S S
4 5 6 7 8	5 6 7 8		3 All 3 1 Mo 3 Palsson, N 3 Johnson, Mrs. Oscar W	len, Mr. William Henry Moran, Mr. James CCarthy, Mr. Timothy J Master. Gosta Leonard (Elisabeth Vilhelmina Berg)	male 35.0 male NaN male 54.0 male 2.0 female 27.0	0 0 0 0 0 0 3 1 0 2	373450 8.0 330877 8.4 17463 51.8 349909 21.0 347742 11.1	0500 NaN 0583 NaN 0625 E46 0750 NaN	S Q S S
9 10 11 12 13 14	10 11 12 13 14 15	1 1 0 0 0	Sandstrom,  Sandstrom,  Saunderco  Anderss  Vestrom, Miss. H	cholas (Adele Achem) , Miss. Marguerite Rut onnell, Miss. Elizabeth ock, Mr. William Henry son, Mr. Anders Johan ulda Amanda Adolfina es. (Mary D Kingcome)	female 4.0 female 58.0 male 20.0 male 39.0 female 14.0	1 0 1 1 0 0 0 0 0 0 0 1 5 0 0 0 0 0	347082 31.2	7000 G6 5500 C103 9500 NaN 9750 NaN	C S S S
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Out[8]:	1 2 3 4	Survived Pclass  0	Cumings, Mrs. John Bradle Futrelle, Mrs. Jacque	Heikkinen, Miss. Lain es Heath (Lily May Pee	is male 22.0 female 38.0 a female 26.0 l) female 35.0	1 0 1 0 0 0 STO 1 0	PC 17599 71 N/O2. 3101282 7 113803 53	2.9250 NaN 3.1000 C123	S C S
Out[9]:  886 887	887 888	Survived Pclas  0  1	s 2 Mont 1 Graham, Mis	tvila, Rev. Juozas m s. Margaret Edith fem	Sex Age SibSp F ale 27.0 0 ale 19.0 0	0 211536 0 112053	Fare         Cabin         E           13.00         NaN           30.00         B42	S S	S
Out[10]:	889 890 891 nic.descr	1 0 ibe()	Pclass Age	ooley, Mr. Patrick m	rch Fare	2 W./C. 6607 0 111369 0 370376	30.00 C148	S C Q	
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impo impo from  In [16]: # Ch def	anging Va getNumber <b>if</b> str=="	e import dates  alue for "Male (str): male":	ime e, Female" string	values to nume	ric values , m	ale=1 and fe	nale=2		
tita #We #fil tita	have crea ling it w nic.head(	n 2  er"]=titanic  ted a new col vith values 1,	["Sex"].apply(getN lumn called "Gende 2 based on the va Sex Age SibSp Pa	er" and lues of sex co.					
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Parc Emba Gend age dtyp In [30]: tita tita	h rked er e: int64		['Gender':'Sex'},	inplace= <b>True</b> )					
Out[30]:	assengerld s  1  2  3  4  5	Survived         Pclass           0         3           1         1           1         3           1         1           0         3	1 0 0 0 1 0	ed Sex age S 1 22.0 C 2 38.0 S 2 26.0 S 2 35.0 S 1 35.0					
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plt.	axis( <mark>'equ</mark> show()								
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prin Male prin Fema prin Fema prin	t(MaleS) N = titan t(MaleN) leS = tit t(FemaleS	ic[titanic.Se anic[titanic 5) anic[titanic	ex==1][titanic.Sur ex==1][titanic.Sur Sex==2][titanic.S Sex==2][titanic.S	rvived==0].shap	e[0] ape[0]				
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labe expl plt. coun plt.	ls = [ <mark>'Su</mark> ode = [0, pie(chart	o.05,0,0.1] d. labels=laber False, autopo	yellowgreen', 'Yel 'Not Survived Mal els, colors=colors ct='%.2f%%')	e','Survived F	·		e']		

52.64%

Not Survived Male

25.98%

Survived Female