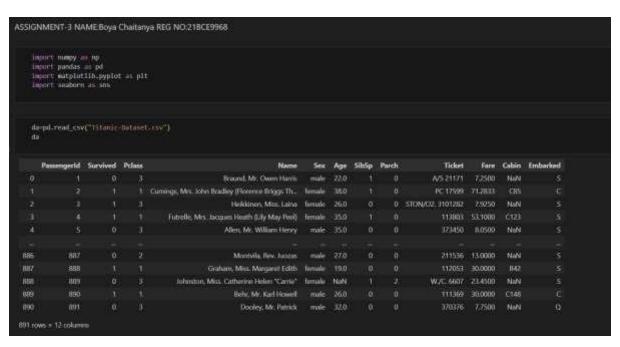
ASSIGNMENT -3

NAME: Bhukya Sirisha

REG.NO:21BCE9747

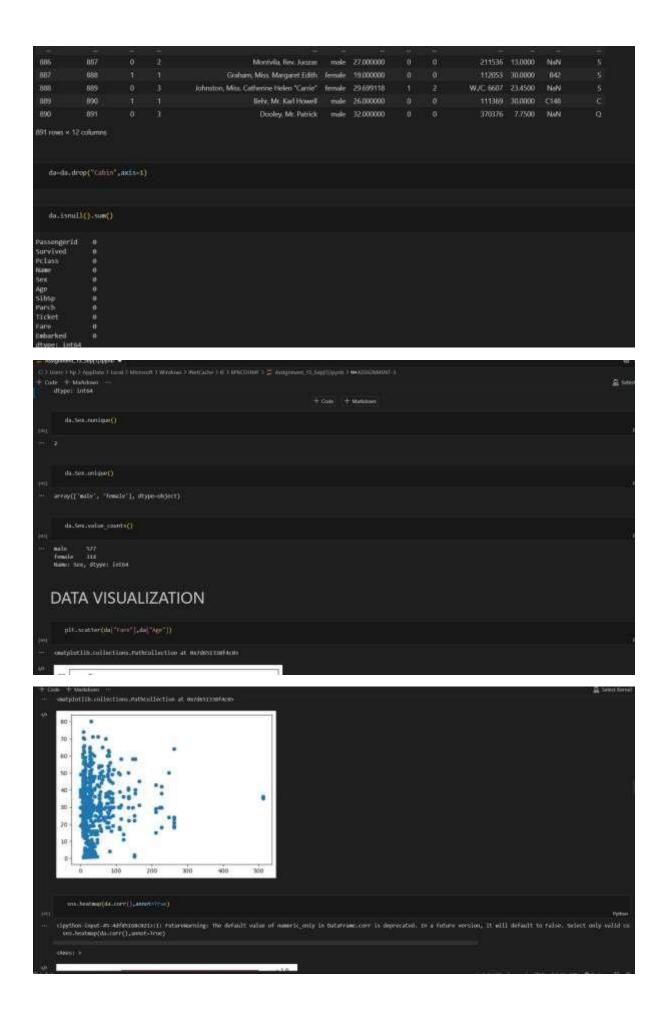


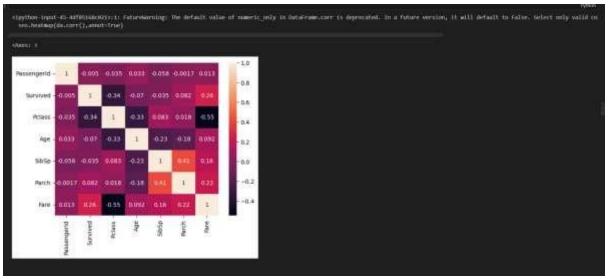
Pa	sengerld Su	rvived Pd	lies				Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
0						Braund, Mr. O	wen Harris	male	22.0			A/5/21171	7,2500	NoN	
			1.6	iumings, A	Ars. John Brad	ley (Florence I	lriggs Th	female	38.0			PC 17599	71.2833	CHS	
						Heildrinen, I	Mess Laina	femule	26.0			STON/O2.3101282	7.9250	NoN	
				Firtre	lle, Mrs. Jacqu	es Heath (Lify	May Peeb	formula	35.0			113803	53,1000	C123	
4						Allen, Mr. Will	iam Herry	male	35.0			373450	8.0500	NaN	
	describe()														
	Passengerid	Survive		Pelans	Age	SihSp	Parch		Farm						
			d	Pclass 1.000000	Age 714.000000	SibSp 891.000000	Parch 891,000000		Faire 00000						
count	Passengerld	Survive	d 0 891					891.0							
count	Passengerid 891,000000	Survive 891.00000	at 0 1891 8 ?	000000	714.000000	B91.00000G	891.000000	391.0	00000						
count mean	Passengerld 991,000000 446,000000	Survive 891.00000 0.38383	d 0 891 8 2 2 0	2.308642	714.000000 29.659118	891.00000G 0.523008	891,000000 0.381594	32.2 49.6	00000 04208						
count mean std	Passengerid 891,000000 446,000000 257,353842	Survive 891.00000 0.38383 0.48659	d 891 0 891 8 2 2 0 0 1	1.000000 2.308642 1.836071	714.000000 29.699118 14.526497	891.00000G 0.523008 1.162743	891.000000 0.381594 0.806057	1 891.0 1 32.2 1 49.6 1 0.0	00000 04208 93429						
count neen std min	Passengerid 891,000000 446,000000 257,353842 1,000000	Survive 891.0000 0.38383 0.48659 0.00000	d 891 8 2 2 0 0 1 0 2	2.000000 2.308642 2.836071 2.000000	714.000000 29.699118 14.526497 0.420000	891.000000 0.523008 1.162743 0.000000	891,000000 0.381594 0.606053 0.000000	1 891.0 1 32.2 1 49.6 1 0.0 1 7.9	00000 04208 93429 00000						
count mean std min 25%	Passengerid 891.000000 446.000000 257.153842 1.000000 223.500000	Survive 891.00000 0.38383 0.48659 0.00000 0.00000	d 891 0 891 8 2 2 0 0 1 0 2 0 3	2.308642 2.308642 2.836071 2.000000 2.1000000	714.000000 29.699118 14.526497 0.429000 20.125000	891.000000 0.523008 1.162743 0.000000 0.000000	891,000000 0.381594 0.806053 0.000000	1 891.0 1 32.2 1 49.6 1 0.0 1 7.9 1 14.4	00000 04208 93429 00000 10400						

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### Class | Parker Core | Park
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	Passengerid	Survived	Pclass	Age	SibSp	Panch	Fare
Dansengerid	1.000000	-0.005007	0.035144	0.036847	0.057527	-0.001652	0.012658
Survived	0.005007	1.000000	0.338481	0.077221	0.035322	0.081629	0.257307
Pelaus	-0.035144	0.338481	1.0000000	-0.369226	0.083081	0.018443	-0.549500
Age	0.036847	-0.077221	0.369226	1.0000000	0.306247	-0.189119	0.096067
SibSp	-0.057527	-0.035322	0.083081	-0.308247	1.000000	0.414838	0.159651
Parch	0.001652	0.081629	0.018443	0.189119	0.414838	1.000000	0.216225
Fare	0.012658	0.257307	0.549500	0.096067	0.159651	0.216225	1.000000
da.lsmull Passengerid Survived Polana Mano Sex App Survive	False False False False False True False False						
Ticket Faro Cabin Embarked dtype: bool	False False True True						

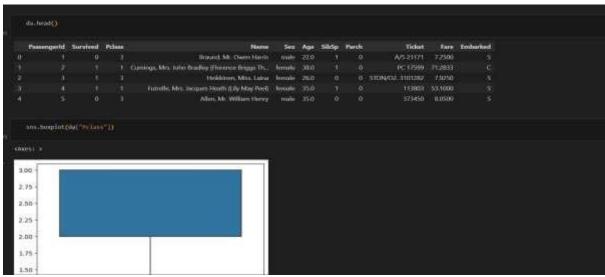
	mongerid.	Survived	Priore	Name	Sex	Age	SibSp	Parcio	Yicket	Fare	Cabin	Embarked	
				Braund, Mt. Owen Harris	make	22.000000			A/5/20171	7 2500	NaN		
				Currings, Mrs. Infin Buildey Florence Briggs, Th.,	Innate	10.000000			DC 17599	75,2933	CBS		
				Hekkiren, Mess Laina	female	26,000000			STONICE THREE	7.9250	NaM		
				Futrafia, Mrs. Jacques Hoath Silly May Peel)	Temale	35,000000			113003	51,1000			
				Allen, Mr. William Henry	male	35,000000			373450	8.0500	NaN		
106	1017			Montella, Rev. Assent	mele	27,000000			211536	13.0000	NaN.		
387	899			Graham, Miss. Margarit Edith	temate	19.000000			112053	30,000	842		
880	899			Exhibition, Miss. Catherine Helen "Carrie"	lemate	29.699118			WL/C 6607	21,4500	NaN		
889	890			Sehr, Mr. Karl Howell	male	26-0000000			111368	304000	C140		
890	891			Dooley, Mr. Patrick	rmile	17.000000			320326	7.7500	NaN		
ila				TIIni(di('tokio*000'), eide()(e))									
ila Pi	interkeid)		Ool [.	Name	Sex	Age	Sh5p	Parth	Ticket	Fare	Cabin	Embarked	
ila				Name Brazesi, Mo. Overs Harm	Sex male	Age 22,000000	585p	Parch 0	Tichet A/S 21171	Fare 7.2500	Nati	Embarked	
ila Pi				Name Brazesi, Mr. Oven Hams Curnergs, Mrs. John Bradley Florence Briggs Th		22.000000 38.000000	5955p		A/5 21171 IC 17599	7.2500 71.2833	Nati CRS	Emburked 5	
ila Pi				Name Brazesi, Mo. Overs Harm	male	22,000000	5165p		A/5 21171	7.2500	Nati	Embarked S C S	
Pro II				Name Brazesi, Mr. Oven Hams Curnergs, Mrs. John Bradley Florence Briggs Th	make female	22.000000 38.000000		0	A/5 21171 IC 17599	7.2500 71.2833	Nati CRS		
Pro II				Name Brazesi, Mr. Oven Harm Camerge, Mrs. John Bradley STownson Briggs, Ru. Halblaner, Mrs. Laina	reals terrols terrols	22,000000 36,000000 26,000000	1	0	A/S 21171 IVC 17999 STON/CQ 1101252	7,2500 71,2833 7,005b	NaN CES NaN		

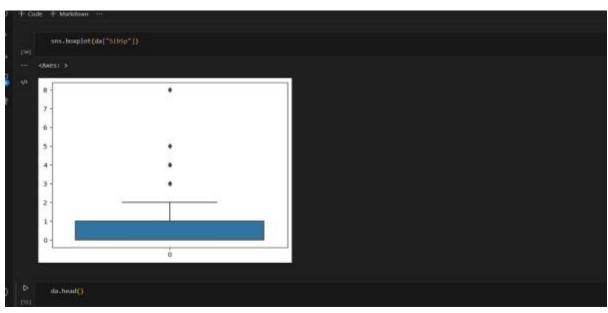






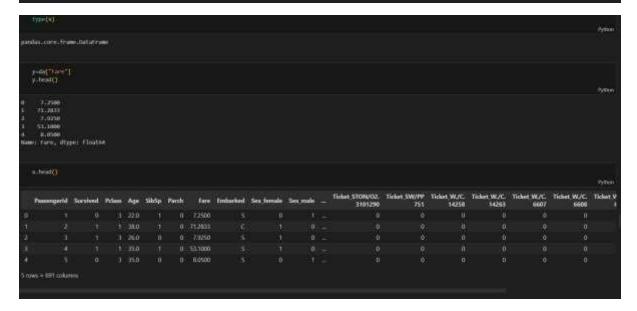






Passengestd	Sorvived	Polass					Nam	e Sex	Age	1250	Parch	Tick	t Fare	Embarked				
						Hound,	Mr. Dwen Harr	s male	22.0			A5 211	7.2500					
			Com	nys, Mrs.	John Do	adey (Fitz	erce Beggs Th	- temale	38.0				0 212833					
						Holide	ioen Miss Lain	a female	26.0			5TON/02.31012	2 7.9350					
				Futrelle,	Mrs. Air	ques thus	fa jilily May Peo	i lemale				1138	8 53.1000					
						Allen, N	v. William Flore	y male	35.0			129	0 11,0500					
asserger 1d	Survived	Polass	Age	SibSp	Parch	Fare	Embarked	Sea female	Sex	nale	Tid	nt STONVO2. Ti 2101290	hun, SW/PP 75 t		Tichet W./C. 14263	Tichet W/C 6607	Ticket_W/C 6608	
assengertd T	Survived 0	Polass	Age 22.0	SibSp (Parch 0	Fare 7.2500	Embarked	Sex female	Sex	male 1	Tid							
		Polass		SibSp t		Fare	Emburked 5	Sex female	Sea	esale † U		7101290	751	14258	14263	6607	6608	
assergestd 1 7 3			22.0	SibSp t i		7.2500	Embarked S C S	Sex female				3101290 0	751	14258	14263 0	6607 0	6608	
			22:0 58#	ļ		7.2900 71.2833	Emburked 5	Sex female				2101290 0 II	75 t 0	14258 0 0 0	14263 0 0 0	6607 0 U 0	6608 0	
			22.0 58.0 26.0	ļ		7.2500 71.2833 7.9250	Emburked 5 C 5	Sex female				2101290 0 0 0	75 t 0 0	94258 0 0 0	14263 0 0 0 0	6607 0 U 0	950ff 0 0 0	
	0 1 1 0		22:0 58:0 26:0 25:0	1		7,2500 71,2811 7,0250 51,1000	Emburked S C S	Sex female				3101290 0 0 0 0	75 t 0 0 0	94258 0 0 0	14263 0 0 0 0	6607 0 U 0	950ff 0 0 0	

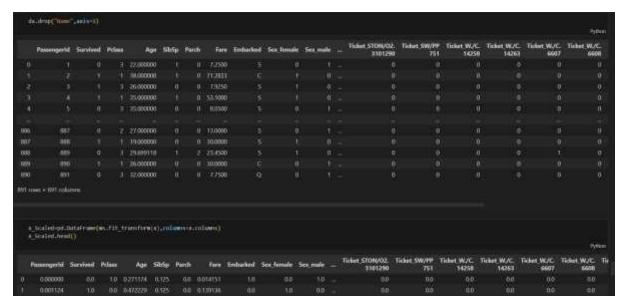
						Python
Ticket_W./C. 14263	Ticket_W./C. 6607	Ticket_W./C. 6608	Ticket_W./C. 6609	Ticket_W.E.P. 5734	Ticket_W/C 14208	Ticket_WE/P 5735
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0



						Python
ket_W./C. 14263	Ticket_W./C. 6607	Ticket_W./C. 6608	Ticket_W./C. 6609	Ticket_W.E.P. 5734	Ticket_W/C 14208	Ticket_WE/P 5735
0	0	0	0	0	0	0
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												Tides STORYON	The second	The second	Ticket W/C	Ticket WUC	Ticket WJ
	Passe	ngerld	Survives	l Pola			m Silasip	Panth	Fare	Troburked	Sex female	\$101290	757	14258	14263	6607	66
0					Bree 3 Mr.Oe Be	(0 : 27,0000	9 1	1.0	72500						9		
					Guntin Mrs. in												
					Band (Florida)				71,2531								
					postd.	iii.											
		3	Ŷ.	7	Heikkinen. Mess	36,000000		0	7.9250	- 6	0.00	0	1 8	08 - 9a	i.	o :	á

126			Heikkisen Mes Laina	26,000000		7,9250					0
(3			futrelle. Mrs. Jeografi Heath (1.dy May Pref)	35,600000		EL1000		(0)			(0)
18.			Alles, Mr. William Herey	15.000000		833500					.0
No.	107		Moreylin, Fire: lucess	27.000000		11,0000					
867	ana		Graham. Miss. Margaret Edith	19.000000		30,0000					0
anna	100		Johnston: Miss Catherice Helen "Carre"	29009118		25,4500			100		0
800	2000		Befor Mr. Karl Howell	26.000000		10.0000					
1190	191		Deadley, Mr. Patrick	32.000000		7,7500					.0
091 rows ×	092 columns						<u>.</u>				



										Ticket STON/02	Ticket SW/PP	Ticket W/C	Ticket W/C	Tidet W/C	Ticker W./C.
Passengerid	Survived	Poles	Age	SibSp	Parith	Face	Emburked	Sex female	Sex male	3101290	IST.	14258	14263	6607	0608
0.000000	0.0		6271174	0.125	0.0	0.014151	1.0	0.0		.00			0.0		0.0
0.001124			0.872029	0.125		0.139126				0.0	0.0		0.0	0.0	0.0
0.002580			0.321438	0100	0.0	0.015469					0.0	0.0	0.0	0.0	0.0
6.003171	1.0	0.0	0434533		0.0	0.753666				da	80		0.0		0.0
0.004494	0.0	1.0	8434511	0.000		0.015713		0.0					0.0	8.0	0.0
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eletce teal	плінароду		Harris, Tra	iin.shag	e,y,141	E.shape)									
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et_W./C. 14263	Ticket_W./C. 6607	Ticket_W./C. 6608	Ticket_W./C. 6609	Ticket_W.E.P. 5734	Ticket_W/C 14208	Ticket_WE/P 5735
0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0