8.1.2 OUTPUT

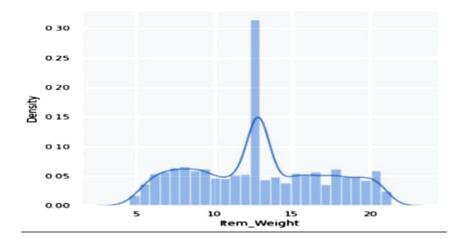


Figure 1:Item Weight Plot

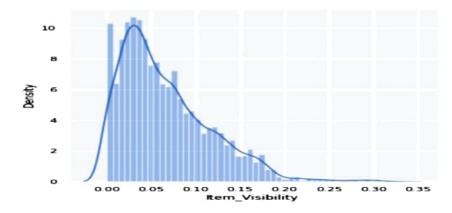


Figure 2:Item Visibility Plot

OUTPUT:

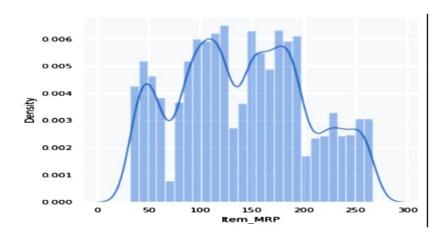


Figure 3:Item MRP Plot

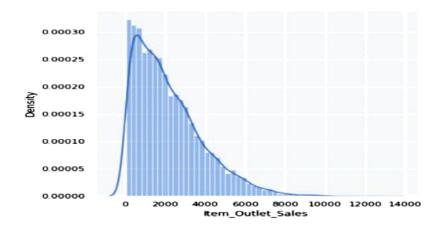


Figure 4:Item Outlet Sales Plot

OUTPUT:

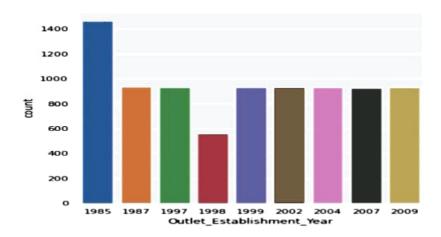


Figure 5:Outlet Establishment Year

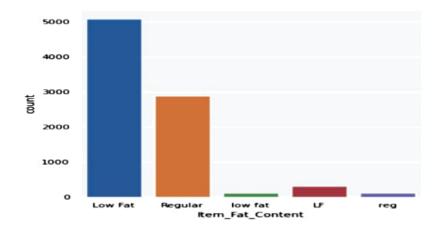


Figure 6:Item Fat Content Plot

OUTPUT:

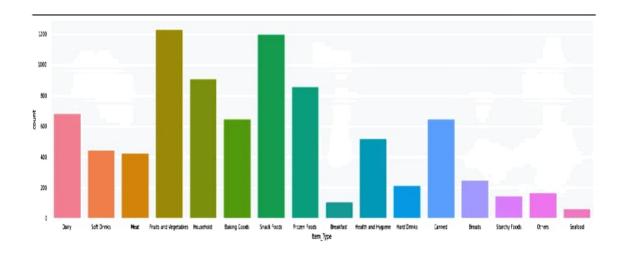


Figure 7:Item Type Plot

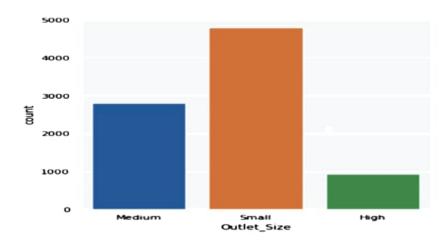


Figure 8: Item Outlet Size Plot

	Item_Identifier	Iten_Weight	Item_Fat_Content	Item_Visibility	Iten_Type	Iten_MP	Outlet_Identifier	Outlet_Establishment_Year	Outlet_Size	Outlet_Location_Type	Outlet_Type
0	FDVISB	20.750000	Low Fat	0.007565	Snack Foods	167.8622	OUT049	1999	Medium	Ter t	Supermarket Type 1
1	FDW14	8 300000	Regular	0.038428	Dary	87.3198	001017	2907	Small	Ter 2	Supermarket Type 1
1	NCN55	14 600000	Low Fat	0.099575	Others	241.7538	OUT010	1996	Small	Tier 3	Grocery Store
3	FDQ58	7.315000	Low Fat	0.015388	Snack Foods	155,0340	001017	2007	Small	Tier 2	Supermarket Type 1
4	F0Y38	12 695633	Regular	0.118599	Dairy	234.2300	00/1027	1985	Medium	Tier 3	Supermarket Type3
									-		
5675	FDBS8	10.500000	Regular	0.013496	Snack Foods	141.3154	OUT046	1997	Small	Ter 1	Supermarket Type1
5677	FDD47	7 600000	Regular	0 142991	Starchy Foods	169 1448	00/1018	2009	Medium	Ter 3	Supermarket Type2
5678	NC017	10 000000	Low Fat	0.073529	Health and Hygiene	118.7440	OUT045	2002	Small	Ter 2	Supermarket Type1
5679	FDJ26	15 300000	Regular	0.000000	Canned	214.5218	OUT017	2907	Small	Ter 2	Supermarkel Type1
5480	FDU37	9 500000	Regular	0 104720	Canned	79.7960	OUT045	2002	Small	Ter 2	Supermarkel Type 1
5681 rows < 12 columns											

Figure 9:UnLabelled data

Output: Labeled Data with Predicted Output (using XGBoost Regressor)

	then blockfiles	****	then feel freedomb	Man of children	the bear		****	0.41-4 d-t-01/stand trees		add code a		modiated dates	4
	Item_Inentifier	tterinerflut	Iten_Fat_Content	Item_visionity	Item_type	III III	ONCLET_LOSSICLTUSES	Outlet_Establishment_Year	ONLTEL 2716	OWLLET_LOCALION_Type	Outlet_Type	Predicted_Sales	0.
0	FDMS8	20.750000	LowFat	0.007565	Snack Foods	107 8622	OUTD49	1999	Medium	Tier 1	Supermarket Type!	1675 907837	
1	FDW14	8 300000	Regular	0.038428	Dairy	87 3198	00/1017	2907	Small	Ter 2	Supermarket Type 1	1378 966919	
2	NCN55	14 600000	LowFat	0 099575	Others	241.7538	OUTENS	1996	Small	Tier 3	Grocery Store	583 203247	
,1	FDQ58	7 315000	Low Fat	0.015388	Snack Foods	155 0340	00/1017	2907	Small	Ter 2	Supermarket Type1	2522 833252	
4	FDY30	12 695633	Regular	0.110599	Dairy	234,2300	OUTE27	1905	Medium	Tier 3	Supermarkel Type3	5674 394531	
-													
5676	FDBS8	10 500000	Regular	0.013496	Snack Foods	141.3154	OUT046	1997	Small	Tier 1	Supermarket Type 1	2207 296828	
5677	F0047	7 600000	Regular	0 142991	Starchy Foods	166 1448	OUT618	2009	Medium	Tier 3	Supermarket Type2	2458 035645	
5678	NC017	10 000000	Low Fat	8 673529	Health and Hygiene	118,7449	OUT 145	2902	Small	Ter 2	Supermarket Type t	1846 476440	
5679	F0.06	15 300000	Regular	000000	Canned	2146218	00/10/7	2907	Small	Tier 2	Supermarket Type 1	3760 041260	
5680	FDU37	9 500000	Regular	0 104720	Canned	79 7960	OUTB45	29/2	Small	Tier 2	Supermarket Type t	1262 487915	
560 rove = 12 columns													

Figure 10:Labelled data