	Rohit Kulkarni 41346	M T W T F Page No.: Date:	S S YOUVA	
	DA ASSIGNMENT 3			
	TITLE: Bigmart Sales Analysis			
_	PBOBLEM STATEMENT: For data comprising of transaction records of a			
_	sales store. The data how 8523 rows of 12 variables Predict the sales of the store.			
_	OBJECTIVES: To predict the sales for each item (product) per store			
	of a particular supermarket chain.			
	LEARNING OUTCOMES:			
	Identify the products which play a key role in the sales of the supermaket chain (best & worst performing) to			
SIL	enable proper strategies to be put in place to ensure the business success.			
	SIW & HIND REQUIREMENTS: Python 3, Jupyter notebook, slelearn matplotlib, seaborn, UNIX LINUX Based OS, pandas, numby, keyboard, mouse.			
)	THEORY.	tot and	1	
]	The Big Mart Sales Analysis (Prediction) machine learning regression task, where is expected to predict the sale price for a store	is a supe an algori a given	thun product	

Alle man factore
A more in depth analysis or the main factors.
Store level Hypothesis: O City type O envite
(2) TOPU (OUTO)
3) Store capacity Convertitors
E Establishment year
Product level typothesis: @ Item advertisment (visibility)
1 I tem advertisment (Visibility) 1 I Tem whility (type)
3) Price
Exploratory Douta Analysis showed that:
I Item visibility did not have a high correlation the
2) No huge variations due to Item Type in sales either
3 Item weight & outlet size have o verlues or NaN.
47 Item Pat-Content contains varying values for 'lowfat'
5) Item. Type can be converted to a more useful feature
The state of the s
Scanned by TanScanner

Scanned by TapScanner