INDUSTRY DYNAMICS TECHNOLOGY (DATA VISUALIZATIONS) LAB

(Course Code: 23UPCSC1L03)

A laboratory record submitted to Periyar University, Salem In partial fulfillment of the requirements for the degree of

MASTER OF COMPUTER APPLICATIONS

By

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[Reg. No: U24PG507CAP002]



DEPARTMENT OF COMPUTER SCIENCE PERIYAR UNIVERSITY

(NACC `A++` Grade with CGPA 3.61) – NIRF RANK 56 – ARIIA RANK 10 PERIYAR PALKALAI NAGAR,

SALEM - 636 011.

(OCTOBER - 2024)

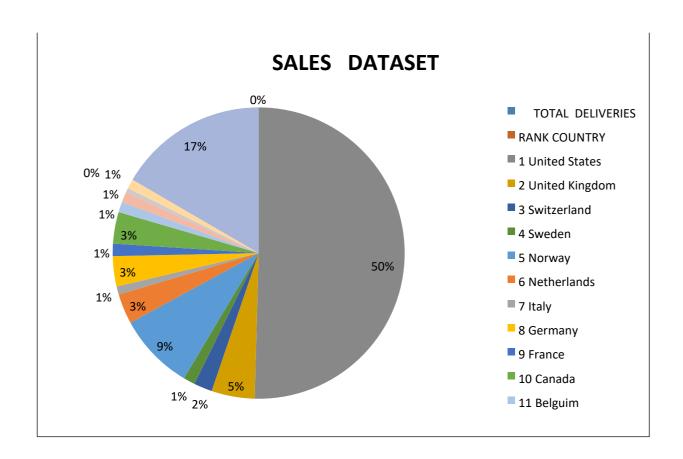
CERTIFICATE

•	that the Programming Labora	•
DYNAMICS TECH	INOLOGY (DATA VISUA	ALIZATIONS) LAB
(23UPCSC1L03)" is	a bonafide record work dor	ie by
Mr. /Ms	Register No:	in partial
•	omputer Science, Periyar Univ	ter of Computer Applications wersity, Salem, during the
Staff In-charge		Head of the Department
Submitted for	the practical examination held o	on
Internal Examiner		External Examiner

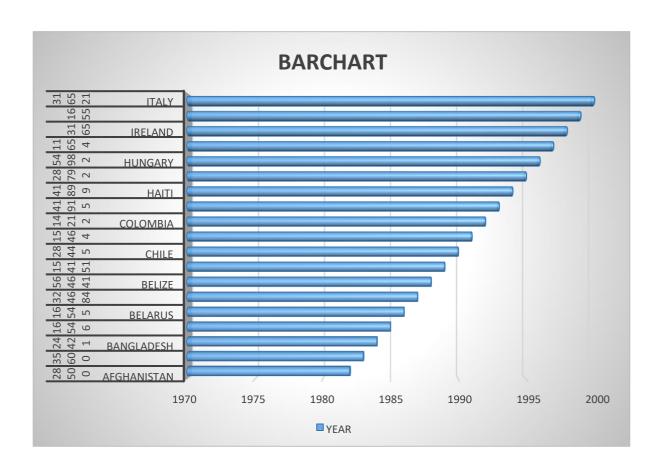
CONTENTS

S.NO	DATE	TITLE OF THE PROGRAM	PAGE NO	SIGNATURE
1.		PIE CHART FOR SALES AND SALES (%) BY COUNTRY		
2.		BAR CHART FOR SALES AND COUNTRY BY YEAR		
3.		LINE CHART FOR SALES BY SHIP MODE		
4.		SCATTER CHART FOR SALES BY SHIP MODE BY COUNTRY		
5.		HEAT MAP FOR SALES BY CATEGORY BY SUB CATEGORY		
6.		DESIGN AND CREATE THE LABEL FOR VENDOR LIST		
7.		DESIGN AND CREATE THE DASHBOARD		
8.		SALES BY SHIP MODE USING TABLEAU		
9.		SALES BY SHIP MODE BY COUNTRY USING TABLEAU		
10.		SALES BY CATEGORY BY SUB- CATEGORY		

		SALES DATA	ASET							
	TOTAL DELIVERIES 1,03,184									
RANK	COUNTRY	SALES	SALES (%)	CUMMULATIVE						
1	United States	\$50,145.00	49%	49%						
	United									
2	Kingdom	\$4,756.00	4.60%	77%						
3	Switzerland	\$2,024.00	2.00%	89%						
4	Sweden	\$1,283.00	1.20%	91.80%						
5	Norway	\$8,473.00	8%	72.80%						
6	Netherlands	\$3,316.00	3.20%	87%						
7	Italy	\$905.00	0.90%	96%						
8	Germany	\$3,331.00	3.20%	84%						
9	France	\$1,368.00	1.30%	90.50%						
10	Canada	\$3,478.00	3.40%	80.80%						
11	Belgium	\$1,151.00	1.10%	95.00%						
12	Belgium	\$1,151.00	1.10%	92.90%						
13	Austria	\$ 480.00	0.50%	95.50%						
14	Australia	\$1,060.00	1%	93.90%						
15	China	\$16,500.00	16.00%	64.60%						



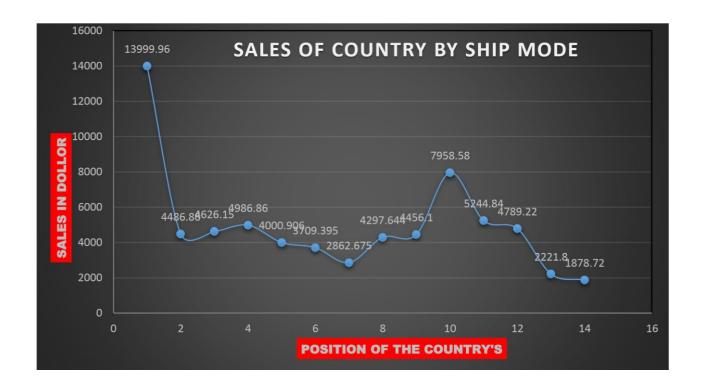
SALES	COUNTRY	YEAR
28500	Afghanistan	1982
35600	Albania	1983
24421	Bangladesh	1984
16546	Barbados	1985
16545	Belarus	1986
324684	Belgium	1987
564641	Belize	1988
154151	Chad	1989
28445	Chile	1990
15464	China	1991
14212	Colombia	1992
41915	Comoros	1993
41899	Haiti	1994
28792	Honduras	1995
54982	Hungary	1996
11654	Iraq	1997
3165	Ireland	1998
1655	Israel	1999
316521	Italy	2000



4	А	В	С	D	Е
1	Product ID	Order ID	Ship Mode	Country	Sales
2	TEC-AC-10003033	CA-2012-124891	Same Day	United States	2309.65
3	FUR-CH-10003950	IN-2013-77878	Second Class	Australia	3709.395
4	TEC-PH-10004664	IN-2013-71249	First Class	Australia	5175.171
5	TEC-PH-10004583	ES-2013-1579342	First Class	Germany	2892.51
6	TEC-SHA-10000501	SG-2013-4320	Same Day	Senegal	2832.96
7	TEC-PH-10000030	IN-2013-42360	Second Class	Australia	2862.675
8	FUR-CH-10004050	IN-2011-81826	First Class	New Zealand	1822.08
9	FUR-TA-10002958	IN-2012-86369	Standard Class	New Zealand	5244.84
10	OFF-BI-10003527	CA-2014-135909	Standard Class	United States	5083.96
11	FUR-TA-10000198	CA-2012-116638	Second Class	United States	4297.644
12	OFF-SU-10002881	CA-2011-102988	Second Class	United States	4164.05



SHIP MODE	COUNTRY	SALES		
First Class	United States	13999.96		
First Class	Ukraine	4486.86		
First Class	Afghanistan	4626.15		
First Class	India	4986.86		
First Class	Greenland	4000.906		
Second Class	Australia	3709.395		
Second Class	Australia	2862.675		
Second Class	United States	4297.644		
Second Class	United States	4456.1		
Standard Class	Italy	7958.58		
Standard Class	New Zealand	5244.84		
Standard Class	Brazil	4789.22		
Same day	Brazil	2221.8		
Same day	India	1878.72		



Countries	Vegetables	Fruits	Stationaries	Arts	Furnitures	Oils	Machineries	Spices	Meats	Fashion
China	500	5 50	300	900	652	700	650	1000	900	200
J <mark>apan</mark>	200	220	40	600	356	650	556	650	700	150
America	800	1100	752	1 557	1065	2225	1168	1250	1500	850
Russia	450	850	655	1025	998	365	987	1550	1650	950
Srilanka	180	125	101	32	132	167	123	100	250	250
England	170	180	300	95	655	653	458	300	150	450
Germany	1 55	1 60	215	1 15	698	559	655	200	125	320
Ukraine	100	80	65	325	99	347	312	150	70	100
South Africa	175	210	325	374	652	987	400	300	99	97
Thailand	90	120	98	600	150	650	300	250	50	50

	M19	* (0	f_x									
A	А	В	С	D	Е	F	G	Н	1	J	K	L
1	Countries	Vegetables	Fruits	Stationaries	Arts	Furnitures	Oils	Machineries	Spices	Meats	Fashion	
2	China	500	550	300	900	652	700	650	1000	900	200	
3	Japan	200	220	40	600	356	650	556	650	700	150	
4	America	800	1100	752	1557	1065	2225	1168	1250	1500	850	
5	Russia	450	850	655	1025	998	365	987	1550	1650	950	
6	Srilanka	180	125	101	32	132	167	123	100	250	250	
7	England	170	180	300	95	655	653	458	300	150	450	
8	Germany	155	160	215	115	698	559	655	200	125	320	
9	Ukraine	100	80	65	325	99	347	312	150	70	100	
10	South africa	175	210	325	374	652	987	400	300	99	97	
11	Thailand	90	120	98	600	150	650	300	250	50	50	
12												

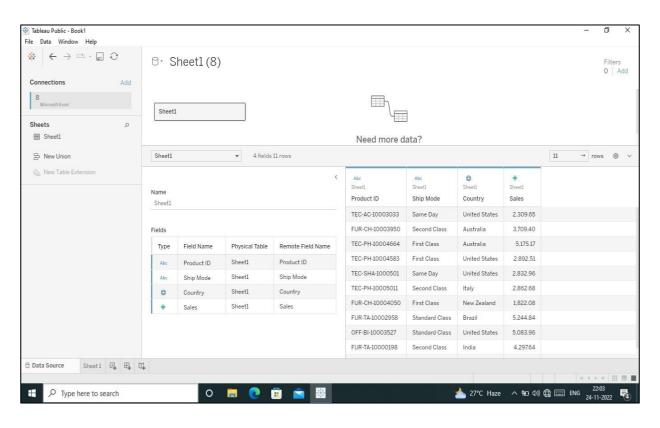
				sk	solution co	rperat					
EMPLOY DETAIL											
Employ NO:	Employ Name	GENDER	AGE	ADDRESS, RESIDENCY	BLOODGROUP	EMIL ADDRESS	DEPARTMENT	EXPERIENCE	SALERY PER MONTH	ANUAL SALERY	
001	abdul .D	male	26		a+	abd@gmail.com	marketing	2	20000	2,40,000	
002	adhas.S	male	27	30 (2	b+	adhas@gmil.com	sales	3	30000	3,60,000	
003	arun .S	male	28		ab+	arun@gmail.com	design	4	40000	4,80,000	
004	arivu.A	male	29		b-	arivu 200@gmail.com	requirement	5	50000	6,00,000	
005	andu.L	male	26		ab-	andu100@gmail.com	testing	6	60000	7,20,000	
006	adhe .H	male	25	0	0	adhe@gmail.com	development	10	70000	8,40,000	
007	arsh.C	female	25		0+	arsh@gmail.com	management	18	20000	2,40,000	
008	avena .B	female	21		0-	avena@gmail.com	fesiblity	10	30000	3,60,000	
009	bala .E	male	30		A-	bala@gmail.com	sales	9	50000	6,00,000	
010	babu .D	male	40		B_	babu@gmail.com	marketinng	3	40000	4,80,000	
011	brindha .T	female	35		AB+	brindha@gmail.com	design	C	80000	9,60,000	
012	basker .R	male	29		B+	basker@gmail.com	testing	C	20000	2,40,000	
013	brama . S	male	25		A+	brama40@gmail.com	development	2	30000	3,60,000	
014	chanthran .d	male	23	0	AB-	chanthran@gmail.com	requirement	3	40000	4,80,000	
015	chanthra .j	female	22		0	chanthra@gmail.com	requirement	4	50000	6,00,000	
016	charle.d	male	24		0-	charle15@gmail.com	testing	5	70000	8,40,000	
o17	dhanesh .N	male	26		0+	dhanesh@gmail.com	sales	6	80000	9,60,000	
018	dewaker .M	male	32		AB	dewa@gmail.com	marketing	7	40000	4,80,000	
019	davied .V	male	34		A	davied@gmail.com	marketing	8	80000	9,60,000	
020	dhaya .S	male	31		B+	dhaya@gmail.com	testing	9	20000	2,40,000	

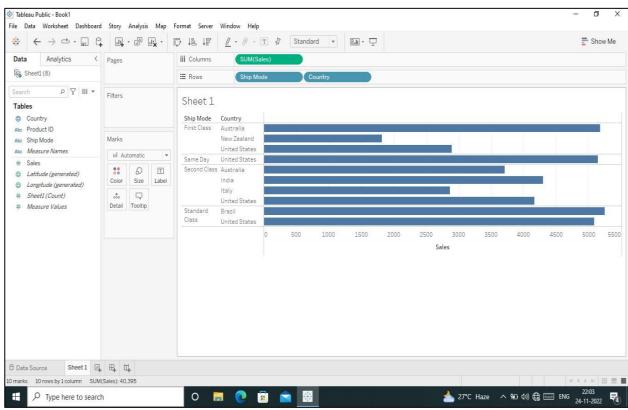
Employno:oo1	Employno:002	Employno:003
EmployNAME:Abdul	EmployNAME:Adhas.s	EmployNAME:arun.s
GENDER:male	GENDER:male	GENDER:male
AGE:26	AGE:27	AGE:28
BLOODGROP:A+	BLOODGROP:B+	BLOODGROP:AB+
DEPARTMENT:markt	DEPARTMENT:sales	DEPARTMENT:dasign
EXPERIENCE:2	EXPERIENCE:3	EXPERIENCE:4
Employno:004	Employno:005	Employno:006
EmployNAME:Arivu	EmployNAME:Anbu.L	EmployNAME:adhe .H
GENDER:Male	GENDER:Male	GENDER:
AGE:29	AGE:26	AGE:
BLOODGROP:B+	BLOODGROP:AB+	BLOODGROP:
DEPARTMENT:requirement	DEPARTMENT:testing	DEPARTMENT:
EXPERIENCE:5	EXPERIENCE:6	EXPERIENCE:
Employno:007	Employno:008	Employno:009
EmployNAME:arsh.	EmployNAME:avena.B	EmployNAME:bala.E
GENDER:female	GENDER:female	GENDER:male
AGE:25	AGE:21	AGE:30
BLOODGROP:A+	BLOODGROP:B+	BLOODGROP:AB-
DEPARTMENT:mana gement	DEPARTMENT:fesiblity	DEPARTMENT:sales
EXPERIENCE:18	EXPERIENCE:10	EXPERIENCE:9
Employno:010	Employno:011	Employno:012
EmployNAME:babu	EmployNAME:brindha	EmployNAME:basker
GENDER:male	GENDER:Female	GENDER:male
AGE:40	AGE:20	AGE:29
BLOODGROP:AB+	BLOODGROP:O	BLOODGROP:O+
DEPARTMENT:markt	DEPARTMENT:design	DEPARTMENT:testing
EXPERIENCE:3	EXPERIENCE:0	EXPERIENCE:O
Employno:013	Employno:014	Employno:015
EmployNAME:bram	EmployNAME:chanthra	EmployNAME:chanthr
a.S	n.d	в.ј
GENDER:male	GENDER:male	GENDER:Female
AGE:25	AGE:23	AGE:22
BLOODGROP:B+	BLOODGROP:A-	BLOODGROP:AB+
DEPARTMENT:devel	DEPARTMENT:requirem	DEPARTMENT:require
oper EXPERIENCE:2	ent EXPERIENCE:3	ment EXPERIENCE:4

Order Date	Ship Date	Customer Name	Segment	City	State	Country	Product ID	Category	Sub-Categor	Sales	Quantity	Profit	Shipping Cost	Order Priorit
31-07-2012	31-07-2012	Rick Hansen	Consumer	New York	New York	United States	TEC-AC-10003033	Technology	Accessories	2309.65	7	762.185	933.57	Critical
05-02-2013	07-02-2013	Justin Ritter	Corporate	Wollongong	New South	Australia	FUR-CH-10003950	Furniture	Chairs	3709.4	9	-288.77	923.63	Critical
17-10-2013	18-10-2013	Craig Reiter	Consumer	Brisbane	Queensland	Australia	TEC-PH-10004664	Technology	Phones	5175.17	9	919.971	915.49	Medium
28-01-2013	30-01-2013	Katherine	Home Office	Berlin	Berlin	Germany	TEC-PH-10004583	Technology	Phones	2892.51	5	-96.54	910.16	Medium
05-11-2013	06-11-2013	Rick Hansen	Consumer	Dakar	Dakar	Senegal	TEC-SHA-10000501	Technology	Copiers	2832.96	8	311.52	903.04	Critical
28-06-2013	01-07-2013	Jim Mitchum	Corporate	Sydney	New South	Australia	TEC-PH-10000030	Technology	Phones	2862.68	5	763.275	897.35	Critical
07-11-2011	09-11-2011	. Toby Swindell	Consumer	Porirua	Wellington	New Zealand	FUR-CH-10004050	Furniture	Chairs	1822.08	4	564.84	894.77	Critical
14-04-2012	18-04-2012	Mick Brown	Consumer	Hamilton	Waikato	New Zealand	FUR-TA-10002958	Furniture	Tables	5244.84	6	996.48	878.38	High
14-10-2014	21-10-2014	Jane Waco	Corporate	Sacramento	California	United States	OFF-BI-10003527	Office Suppl	Binders	5083.96	5	1906.49	867.69	Low
28-01-2012	31-01-2012	Joseph Holt	Consumer	Concord	North Carolina	United States	FUR-TA-10000198	Furniture	Tables	4297.64	13	-1862.3	865.74	Critical



Product ID	Ship Mode	Country	Sales
TEC-AC-10003033	Same Day	United States	2309.65
FUR-CH-10003950	Second Class	Australia	3709.395
TEC-PH-10004664	First Class	Australia	5175.171
TEC-PH-10004583	First Class	United States	2892.51
TEC-SHA-1000501	Same Day	United States	2832.96
TEC-PH-10005011	Second Class	Italy	2862.675
FUR-CH-10004050	First Class	New Zealand	1822.08
FUR-TA-10002958	Standard Class	Brazil	5244.84
OFF-BI-10003527	Standard Class	United States	5083.96
FUR-TA-10000198	Second Class	India	4297.644
OFF-SU-10002881	Second Class	United States	4164.05





SHIP MODE	COUNTRY	SALES
First Class	United States	13999.96
First Class	Ukraine	4486.86
First Class	Afghanistan	4626.15
First Class	India	4986.86
First Class	Greenland	4000.906
Second Class	Australia	3709.395
Second Class	Australia	2862.675
Second Class	United States	4297.644
Second Class	United States	4456.1
Standard Class	Italy	7958.58
Standard Class	New Zealand	5244.84
Standard Class	Brazil	4789.22
Same day	Brazil	2221.8
Same day	India	1878.72

