Task 1

	SUMIF					SUMIFS	
State	Sales			Region	Furniture	Office Usage	Technology
Andhara Pradesh	331			South	1220		0
Tamil Nadu	24			North	432	735	1144
Assam	1624			East	958	118	15
Hyderabad	1161			West	263	417	417
Karnataka	500						
Kerala	272						
Bihar	3085						
		COUNTIF					
		office_usage	count				
		count_sales	9				

Task 2

Employee Name	Salary	Ratings	Experience	Bonus	Additional Bonus	Performance Category	Bonus Eligibility
Ravi Sharma	₹ 1,90,000	1	1.5 yrs	1000	2000	Regular Performer	Not Eligible
Manish M	₹ 2,50,000	4	1 yrs	7500	2000	Regular Performer	Not Eligible
Priya S	₹ 65,250	5	3 yrs	10000	5000	Regular Performer	Not Eligible
Nikil	₹ 75,850	3	5 yrs	5000	10000	Regular Performer	Not Eligible
Amirtha	₹ 94,000	4	6 yrs	7500	10000	Regular Performer	Not Eligible
Vasini	₹ 7,50,000	2	7.5 yrs	2500	10000	Regular Performer	Not Eligible
Nagaraj	₹ 82,350	1	10 yrs	1000	10000	Regular Performer	Not Eligible
Harish	₹ 2,00,000	5	1 yrs	10000	2000	Regular Performer	Not Eligible
Ayub	₹ 1,25,000	1	1 yrs	1000	2000	Regular Performer	Not Eligible
Anjali	₹ 73,450	2	2.5 yrs	2500	5000	Regular Performer	Not Eligible
Ajay	₹ 78,000	5	6 months	10000	2000	Regular Performer	Eligible
Sanjay	₹ 82,000	4	12 yrs	7500	20000	Regular Performer	Not Eligible
Abi	₹ 1,00,000	1	15 yrs	1000	20000	Regular Performer	Not Eligible
Abinanth	₹ 25,000	4	8 yrs	7500	10000	Regular Performer	Not Eligible
Sanjana	₹ 30,000	1	9 yrs	1000	10000	Regular Performer	Not Eligible
Varun	₹ 55,250	2	3.5 yrs	2500	5000	Regular Performer	Not Eligible
Azim	₹ 85,150	3	1 yrs	5000	2000	Regular Performer	Not Eligible
Kavya	₹ 50,000	5	2 yrs	10000	5000	Regular Performer	Not Eligible
Allan	₹ 60,000	1	2.5 yrs	1000	5000	Regular Performer	Not Eligible

Task 3

roduct ID	Product	Quantity	Rate	Amount	Sales Tax	final Price	Tax	18%	bulk_discount	total_revenue	
5852	Rice	5	100	500	90	590			50	1954	
6625	Wheat	6	60	360	64.8	424.8			0		
4520	Sugar	2	20	40	7.2	47.2			4	Count	
3214	Salt	3	45	135	24.3	159.3			0	2	
1228	Cconut	5	27	135	24.3	159.3			0		
1775	Oil	2	250	500	90	590			0	Expensive_prd	
2884	Biscut	3	20	60	10.8	70.8			0	500	
3884	Tooth Paste	2	25	50	9	59			0		
2258	Red Rice	3	58	174	31.32	205.32			0		

Task 4

		Salary	emp_code	Name	Destination	sal	eligible	basic_sai	10% Bonus
Lokesh	Varun	23000	EM012	Lokesh	Manager	496000.1	Eligible	₹ 50,000	Not Eligible
Raaja	Jeyaraj	25000		Raaja	Asst Manager	446000.1	Not Eligible	₹ 40,000	Not Eligible
Sree	Akin	26000		Sree	Administration	406000.1	Not Eligible	₹ 30,000	Not Eligible
Harish				Harish	Staff	376000.1	Not Eligible	₹ 25,000	Not Eligible
Varun				Varun	Staff	351000.1	Not Eligible	₹ 23,000	₹ 25,300
Meena				Meena	Staff	328000.1	Not Eligible	₹ 23,000	₹ 25,300
Vimala				Vimala	Staff	305000.1	Not Eligible	₹ 23,000	₹ 25,300
Abi				Abi	Staff	282000.1	Not Eligible	₹ 23,000	₹ 25,300
Jagin				Jagin	Staff	259000.1	Not Eligible	₹ 23,000	₹ 25,300
Abinanth				Abinanth	Staff	236000.1	Not Eligible	₹ 23,000	₹ 25,300
Nanthu				Nanthu	Staff	213000.1	Not Eligible	₹ 23,000	₹ 25,300
Sarath				Sarath	Staff	190000.1	Not Eligible	₹ 23,000	₹ 25,300
Siva				Siva	Staff	167000.1	Not Eligible	₹ 24,000	₹ 26,400
Akin				Akin	Staff	143000.1	Not Eligible	₹ 26,000	Not Eligible
Jeyaraj				Jeyaraj	Staff	117000.1	Not Eligible	₹ 25,000	Not Eligible
Mathew				Mathew	Staff	92000.1	Not Eligible	₹ 23,000	₹ 25,300
Kiran				Kiran	Staff	69000.1	Not Eligible	₹ 23,000	₹ 25,300
Jeevan				Jeevan	Staff	46000.1	Not Eligible	₹ 23,000	₹ 25,300
Msnoj				Msnoj	Staff	23000.1	Not Eligible	₹ 23,000	₹ 25,300

Task 5

prd_code	prd_name	price	category
p001	Laptop	50000	Expensive
p002	Mouse	800	Affortable
p003	Keyboard	1500	Expensive
p004	Monitor	12000	Expensive
p005	Printer	8500	Expensive
p006	unknown	Not available)

Task 6

Name	Tamil	English	Maths	Science	Total	name	mark
Ayub	47	66	87	100	300	John	63
Monika	96	98	25	82	301	Ajay	34
Elizebath	78	48	47	63	236	Arjun	87
						Biju	97
biji_tamil	tot_arjun					Athira	58
60	283					Ayub	66
						Anush	33
						Monika	98
						Meena	54
						Elizebath	48
						suresh	student not available

Task 7

Row 1 Monday Tuesday ay Thursday Friday Saturday Sunday Saturday Row 2 30°C 31°C 32°C 33°C 31°C 34°C 35°C Sunday					NOM 2. I	lullilulty				
Row 1MondayTuesdayWednesd ayThursdayFridaySaturdaySundaySaturdayRow 230°C31°C32°C33°C31°C34°C35°CSunday									Day	Humidity
Row 1MondayTuesday ayThursday ayFridaySaturdaySundaySaturdayRow 230°C31°C32°C33°C31°C34°C35°CSunday									Thursday	68%
	Row 1	Monday	Tuesday		Thursday	Friday	Saturday	Sunday	Saturday	70%
D 2 CF0/ C00/ C20/ C00/ C40/ 700/ 720/	Row 2	30°C	31°C	32°C	33°C	31°C	34°C	35°C	Sunday	72%
ROW 3 05% 00% 02% 08% 04% 70% 72%	Row 3	65%	60%	62%	68%	64%	70%	72%		

Task 8

Product	2 kg	10 kg	Product	Weight	Price
Salt	36	180	Sugar	5 kg	250
Tamarind	140	700	Paste	2 kg	40
			Tamarind	10 kg	700
Product	2 kg	10 kg			990
Oil	₹ 244	1220	sugar	250	
Sugar	₹ 100		highest_5		
Jugai	100	500	kg	Oil	
Rice	₹136	680			

Task 9

9 16 EXCEL FUNCTIONS trim trim DATA SCIENTIST 19 Hello World Iower Image: lower of the properties of th	len_alex	len_busi	upper	len_of_data_analys
19 Hello World lower david smith@gmail.com Original Cleaned " John " A B " Mary " Mary NAME name " Steve " Steve EMAIL ADDRESS email address	9	16	EXCEL FUNCTIONS	1
Iower	trim	trim	DATA SCIENTIST	
	19	Hello World		
Original Cleaned " John " A B " Mary " Mary NAME name " Steve " Steve EMAIL ADDRESS email address			lower	
" John " John A B " Mary " Mary NAME name " Steve " Steve EMAIL ADDRESS email address			david smith@gmail.com	
" Mary " Mary NAME name " Steve " Steve EMAIL ADDRESS email address	Original	Cleaned		
"Steve " Steve EMAIL ADDRESS email address	" John "	John	Α	В
	" Mary "	Mary	NAME	name
	" Steve "	Steve	EMAIL ADDRESS	email address
PHONE NUMBER phone number			PHONE NUMBER	phone number

Task 10

456 Park Ave April 789 Elm St April 321 Oak Blvd April 654 Pine Lane April 877 Maple Rd April 908 Birch St April 102 Spruce Dr April 303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 135 Redwood St April 135 Red	t 12C (t 7A I t 3D I t 10E S t 6F I t 2B I t 1C I t 9G I t 8A I	New York Chicago Los Angeles Houston Seattle Miami Denver Boston Atlanta Dallas	321 Oak Blvd, Apt 3D, Houston 654 Pine Lane, Apt 10E, Seattle 877 Maple Rd, Apt 6F, Miami 908 Birch St, Apt 2B, Denver 102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
789 Elm St April 321 Oak Blvd April 654 Pine Lane April 877 Maple Rd April 908 Birch St April 102 Spruce Dr April 303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 999 Hickory Pl April 135 Redwood St April 135 R	t 7A	Los Angeles Houston Seattle Miami Denver Boston Atlanta	789 Elm St, Apt 7A, Los Angeles 321 Oak Blvd, Apt 3D, Houston 654 Pine Lane, Apt 10E, Seattle 877 Maple Rd, Apt 6F, Miami 908 Birch St, Apt 2B, Denver 102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
321 Oak Blvd April 654 Pine Lane April 877 Maple Rd April 908 Birch St April 102 Spruce Dr April 303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 135 Redwood St April 1	t 3D H t 10E S t 6F M t 2B E t 1C E t 9G A	Houston Seattle Miami Denver Boston Atlanta	321 Oak Blvd, Apt 3D, Houston 654 Pine Lane, Apt 10E, Seattle 877 Maple Rd, Apt 6F, Miami 908 Birch St, Apt 2B, Denver 102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
654 Pine Lane April 877 Maple Rd April 908 Birch St April 102 Spruce Dr April 303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 135 Redwood St April	t 10E S t 6F M t 2B E t 1C E t 9G M	Seattle Miami Denver Boston Atlanta	654 Pine Lane, Apt 10E, Seattle 877 Maple Rd, Apt 6F, Miami 908 Birch St, Apt 2B, Denver 102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
877 Maple Rd Apr 908 Birch St Apr 102 Spruce Dr Apr 303 Walnut Ave Apr 444 Cedar Way Apr 566 Palm St Apr 777 Ash Blvd Apr 888 Chestnut Ct Apr 999 Hickory Pl Apr 135 Redwood St Apr	t 6F	Miami Denver Boston Atlanta	877 Maple Rd, Apt 6F, Miami 908 Birch St, Apt 2B, Denver 102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
908 Birch St April 102 Spruce Dr April 303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 135 Redwood St April 135 Redwood St April 102 Spruce Property April 135 Redwood St April 102 Spruce Property April 102 Spruce Property April 103 Spruce Property	t 2B [t 1C] t 9G / t 8A [Denver Boston Atlanta	908 Birch St, Apt 2B, Denver 102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
102 Spruce Dr April 303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 999 Hickory Pl April 135 Redwood St April 303 Walnut April 135 Walnut Ave April 135 Walnut A	t 1C E t 9G A t 8A E	Boston Atlanta	102 Spruce Dr, Apt 1C, Boston 303 Walnut Ave, Apt 9G, Atlanta
303 Walnut Ave April 444 Cedar Way April 566 Palm St April 777 Ash Blvd April 888 Chestnut Ct April 999 Hickory Pl April 135 Redwood St	t 9G /	Atlanta	303 Walnut Ave, Apt 9G, Atlanta
444 Cedar Way Apr 566 Palm St Apr 777 Ash Blvd Apr 888 Chestnut Ct Apr 999 Hickory Pl Apr 135 Redwood St Apr	t 8A		
566 Palm St Apr 777 Ash Blvd Apr 888 Chestnut Ct Apr 999 Hickory Pl Apr 135 Redwood St Apr		Dallac	
777 Ash Blvd Apr 888 Chestnut Ct Apr 999 Hickory Pl Apr 135 Redwood St Apr		Dallas	444 Cedar Way, Apt 8A, Dallas
888 Chestnut Ct Apr 999 Hickory Pl Apr 135 Redwood St Apr	t 11D F	Phoenix	566 Palm St, Apt 11D, Phoenix
999 Hickory Pl Apr 135 Redwood St Apr	t 5C 9	San Diego	777 Ash Blvd, Apt 5C, San Diego
135 Redwood St Apr	t 13B 9	San Jose	888 Chestnut Ct, Apt 13B, San Jose
	t 15A	Orlando	999 Hickory Pl, Apt 15A, Orlando
246 Beech Ln Apr	t 14E [Detroit	135 Redwood St, Apt 14E, Detroit
	t 16F	Charlotte	246 Beech Ln, Apt 16F, Charlotte
357 Poplar Cir Apr	t 17D /	Austin	357 Poplar Cir, Apt 17D, Austin
468 Sycamore Trl Apr	t 18G	Nashville	468 Sycamore Trl, Apt 18G, Nashville
579 Magnolia Way Apr	t 19H S	San Antonio	579 Magnolia Way, Apt 19H, San Antoni
680 Willow Blvd Apr	t 20J J	Jacksonville	680 Willow Blvd, Apt 20J, Jacksonville