Order ID	OrderDate	Region	Salesperson	Item	Units	Total Sale
10001	1/2/23	Midwest	Adams	Laptop	94	$41,266
10002	1/3/23	New England	Jones	VR Glasses	95	$28,405
10003	1/10/23	Midwest	Smith	Air Pods	67	$9,983
10004	1/12/23	Midwest	Dwyer	Desktop	46	$36,754
10005	1/19/23	Midwest	Andrews	IPad	28	$19,572
10006	1/20/23	Midwest	Stevenson	Laptop	50	$21,950
10007	1/27/23	New England	Patterson	VR Glasses	16	$4,784
10008	1/29/23	Midwest	Smith	Air Pods	87	$12,963
10009	2/4/23	New England	Jones	Desktop	95	$75,905
10010	2/6/23	Midwest	Adams	IPad	36	$25,164
10011	2/13/23	Midwest	Dwyer	Laptop	28	$12,292
10012	2/15/23	New England	Jones	VR Glasses	4	$1,196
10013	2/21/23	Midwest	Stevenson	Air Pods	50	$7,450
10014	2/23/23	Midwest	Dwyer	Desktop	27	$21,573
10015	3/2/23	Midwest	Smith	IPad	64	$44,736
10016	3/4/23	West Coast	Black	Laptop	7	$3,073
10017	3/10/23	Midwest	Adams	VR Glasses	36	$10,764
10018	3/12/23	West Coast	Black	Air Pods	56	$8,344
10019	3/19/23	New England	Jones	Desktop	15	$11,985
10020	3/21/23	Midwest	Adams	IPad	50	$34,950
10021	3/27/23	Midwest	Dwyer	Laptop	27	$11,853
10022	3/29/23	New England	Jones	VR Glasses	60	$17,940
10023	4/5/23	West Coast	Black	Air Pods	96	$14,304
10024	4/7/23	Midwest	Andrews	Desktop	66	$52,734
10025	4/13/23	West Coast	Black	IPad	56	$39,144
10026	4/15/23	Midwest	Andrews	Laptop	75	$32,925
10027	4/22/23	Midwest	Adams	VR Glasses	67	$20,033
10028	4/24/23	New England	Howard	Air Pods	96	$14,304
10029	4/30/23	New England	Jones	Desktop	60	$47,940
10030	5/2/23	Midwest	Adams	IPad	90	$62,910
10031	5/9/23	Midwest	Andrews	Laptop	74	$32,486
10032	5/11/23	Midwest	Dwyer	VR Glasses	53	$15,847
10033	5/17/23	Midwest	Andrews	Air Pods	75	$11,175
10034	5/19/23	West Coast	Thompson	Desktop	32	$25,568
10035	5/26/23	New England	Howard	IPad	46	$32,154
10036	5/28/23	Midwest	Dwyer	Laptop	80	$35,120
10037	6/3/23	Midwest	Adams	VR Glasses	90	$26,910
10038	6/5/23	New England	Jones	Air Pods	60	$8,940
10039	6/12/23	Midwest	Dwyer	Desktop	87	$69,513
10040	6/14/23	Midwest	Stevenson	IPad	5	$3,495
10041	6/20/23	West Coast	Thompson	Laptop	32	$14,048
10042	6/22/23	Midwest	Morgan	VR Glasses	90	$26,910
10043	6/29/23	Midwest	Dwyer	Air Pods	4	$596
10044	7/1/23	New England	Jones	Desktop	62	$49,538
10045	7/7/23	New England	Jones	IPad	60	$41,940
10046	7/9/23	New England	Howard	Laptop	29	$12,731
10047	7/16/23	Midwest	Stevenson	VR Glasses	7	$2,093
10048	7/18/23	Midwest	Morgan	Air Pods	55	$8,195
10049	7/24/23	Midwest	Morgan	Desktop	90	$71,910
10050	7/26/23	New England	Patterson	IPad	81	$56,619
10051	8/2/23	New England	Jones	Laptop	50	$21,950

Total sales for ipads sold in the Midwest and New England Regions	SUM(SUMIFS(Total_Sale,Region,{"new england","midwest"},Item,"ipad"))
What was the order date of the smallest sale of desktops?	XLOOKUP(MINIFS(Total_Sale,Item,"desktop"),Total_Sale,OrderDate)
How much in sales were made of laptops in New England?	SUMIFS(Total_Sale,Region,"New England",Item,"laptop")
How many orders were for laptops in the midwest?	COUNTIFS(Item,"laptop",Region,"midwest")
The largest laptop sale was sold by which salesperson?	XLOOKUP(MAXIFS(Total_Sale,Item,"laptop"),Total_Sale,Salesperson)

Alternative:
SUMIFS(Total_Sale,Region,"midwest",Item,"ipad")+SUMIFS(Total_Sale,Region,"new england",Item,"ipad")

Challenge Questions

Which salespeople had sales of VR glasses in New England?	UNIQUE(FILTER(Salesperson,(Item="VR Glasses")*(Region="New England")))

Does the manager for the region selected in cell K22 earn a bonus? (yes or no)
manager earns bonus if the sales in the region are $1m or more

New England ← create a drop-down list so the user can select a region

IF(SUMIFS(Total_Sale,Region,K22)>=1000000,"yes","no") ← answer

Task1 | Task2 | Task3 | Task4 | Task5

Ready 76%