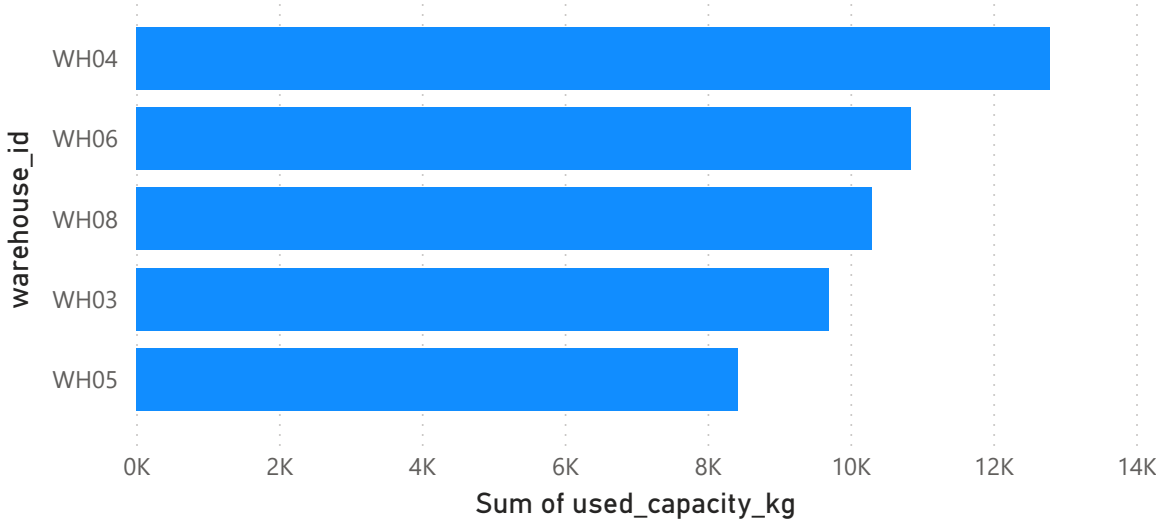


10

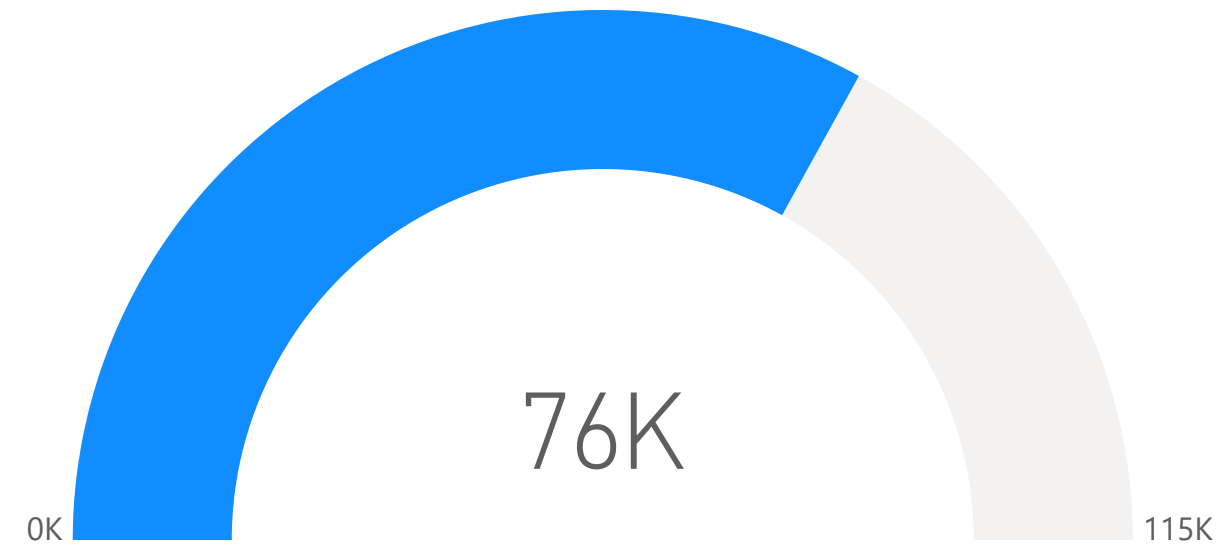
Total Warehouses

warehouse_id	capacity_kg	used_capacity_kg	free_capacity_kg
WH01	10000	6073	3927
WH02	5000	2649	2351
WH03	15000	9702	5298
WH04	20000	12787	7213
WH05	10000	8423	1577
WH06	15000	10847	4153
WH07	10000	5793	4207
WH08	15000	10301	4699
WH09	5000	3911	1089
WH10	10000	5481	4519
Total	115000	75967	39033

Sum of used_capacity_kg by warehouse_id



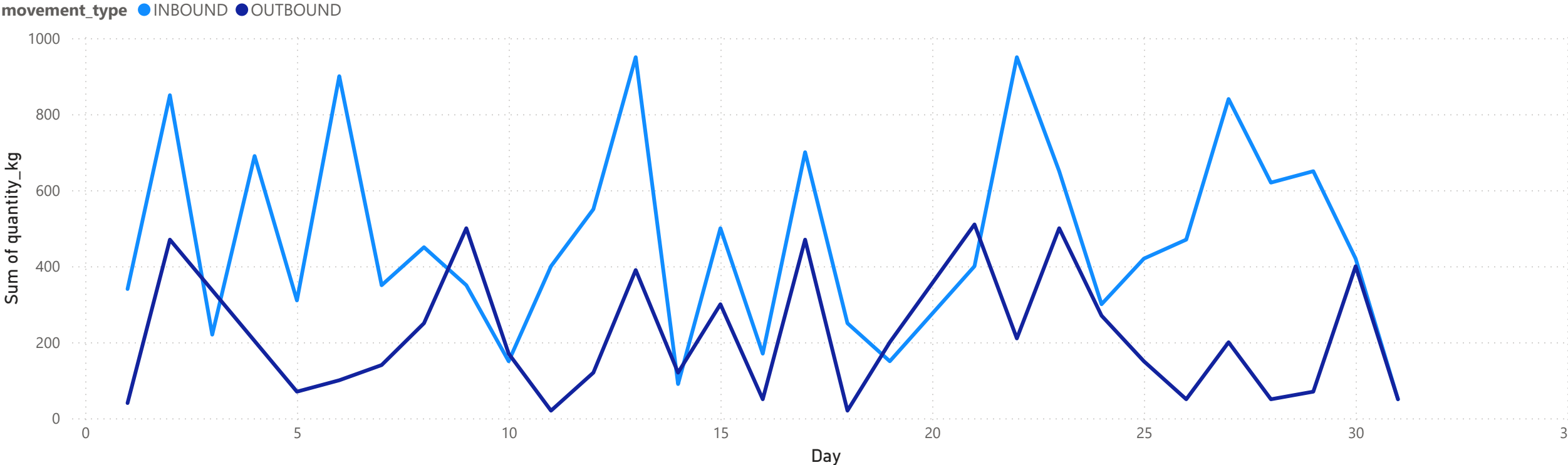
used_capacity_kg and capacity_kg



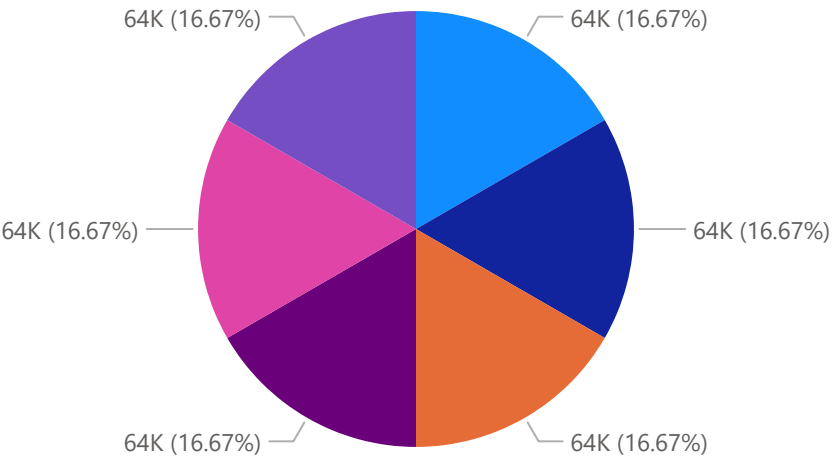


incoming_id	farmer	sku_id	quantity_kg	preferred_factory	recommended_warehouse	distance_km	capacity_risk_flag
IN0001	Farmer_12	SKU05	100	F03	WH10	6.07	False
IN0002	Farmer_19	SKU04	100	F02	WH10	44.04	False
IN0003	Farmer_22	SKU02	300	F01	WH08	13.81	False
IN0004	Farmer_32	SKU01	50	F01	WH08	13.81	False
IN0005	Farmer_16	SKU02	100	F01	WH08	13.81	False
IN0006	Farmer_16	SKU03	200	F02	WH10	44.04	False
IN0007	Farmer_35	SKU05	200	F05	WH03	12.29	False
IN0008	Farmer_17	SKU06	100	F02	WH08	46.96	False
IN0009	Farmer_28	SKU01	200	F03	WH08	13.84	False
IN0010	Farmer_6	SKU05	50	F03	WH10	6.07	False
IN0011	Farmer_3	SKU06	100	F02	WH08	46.96	False
IN0012	Farmer_17	SKU01	100	F01	WH08	13.81	False
IN0013	Farmer_36	SKU04	200	F05	WH03	12.29	False
IN0014	Farmer_22	SKU01	200	F05	WH03	12.29	False
IN0015	Farmer_4	SKU02	400	F02	WH08	46.96	False
IN0016	Farmer_26	SKU01	50	F05	WH03	12.29	False
IN0017	Farmer_1	SKU03	100	F02	WH10	44.04	False
IN0018	Farmer_30	SKU05	50	F04	WH10	16.54	False
IN0019	Farmer_36	SKU06	200	F03	WH08	13.84	False
IN0020	Farmer_33	SKU04	50	F05	WH03	12.29	False
IN0021	Farmer_35	SKU05	100	F04	WH10	16.54	False
IN0022	Farmer_29	SKU05	50	F04	WH10	16.54	False
IN0023	Farmer_32	SKU02	300	F05	WH03	12.29	False
IN0024	Farmer_13	SKU04	500	F03	WH10	6.07	False
IN0025	Farmer_5	SKU06	500	F01	WH08	13.81	False
IN0026	Farmer_29	SKU04	50	F05	WH03	12.29	False
IN0027	Farmer_2	SKU03	100	F03	WH10	6.07	False
IN0028	Farmer_31	SKU02	500	F01	WH08	13.81	False
IN0029	Farmer_39	SKU05	200	F05	WH03	12.29	False
IN0030	Farmer_21	SKU03	100	F03	WH10	6.07	False
IN0031	Farmer_3	SKU06	200	F04	WH08	16.49	False
Total			37300			3,878.63	

Sum of quantity_kg by Day and movement_type



Sum of quantity_kg by sku_id



- sku_id
- SKU01
 - SKU02
 - SKU03
 - SKU04
 - SKU05
 - SKU06

movement_id	warehouse_id	movement_type	Sum of quantity_kg
MOV0001	WH10	OUTBOUND	20
MOV0002	WH09	INBOUND	50
MOV0003	WH07	OUTBOUND	50
MOV0004	WH03	INBOUND	50
MOV0005	WH03	TRANSFER_OUT	50
MOV0006	WH04	TRANSFER_IN	50
MOV0007	WH01	INBOUND	50
MOV0008	WH07	TRANSFER_IN	20
MOV0009	WH09	INBOUND	300
MOV0010	WH01	INBOUND	20
MOV0011	WH06	TRANSFER_IN	50
MOV0012	WH03	INBOUND	100
MOV0013	WH03	TRANSFER_IN	50
Total			26490