

# Logistics Project Management Online Session

**Topic: Supplier Management - Supplier Performance Metrics (SPM)**

**Exercise**

The Excel file named 'Data\_Exercise\_To\_Do.xlsx' includes 1 table that records

- The list of orders of Video Games for Fnac and Micromania for the 4 years: 2016-2017-2018-2019.

Screenshot in Figure 1

Buyer	Game Editor Vendor	Product Code	Number sold in 2016	Total customer returns of defective items in 2016	Number sold in 2017	Total customer returns of defective items in 2017	Number sold in 2018	Total customer returns of defective items in 2018	Number sold in 2019	Total customer returns of defective items in 2019
Fnac	Nintendo	GD05337Y6A2	60		378		385		523	
Fnac	Microsoft Xbox	HW67540F646E3	120	2	594	4	685		813	
Fnac	Atari 2600	YH665734Y44E5	76		379		653		538	
Fnac	Nintendo	T964816 2845	18		154	6	169		237	3
Fnac	Sony Playstation	Y423F4H6223	89		1226		2148		3256	
Fnac	Microsoft Xbox	638FC641E42DG	286	5	2752		5384		7428	
Fnac	Sony Playstation	534F22 2K05	142		1917		3516		5017	
Fnac	Nintendo	746C623476E2	29		456		797	4	1121	
Fnac	Sony Playstation	653FG629H6422	286		120		66		1342	4
Fnac	Microsoft Xbox	746F294HEJ	76		378		76		76	
Micromania	Nintendo	61594355445	14		49		5017		48	
Micromania	Sony Playstation	6864233532346	286		120	2	35		5017	2
Micromania	Nintendo	61432244211	76		76		32		76	1
Micromania	Sony Playstation	D64566386838784	378		48		44		76	
Micromania	Sony Playstation	GT344532766	76	3	5017		378		43	
Micromania	Microsoft Xbox	JH477777	55		55		34	5	5017	
Micromania	Nintendo	GT57532264311	76		120		33		542	
Micromania	Atari 2600	U88760 7763H664	378		43		44		76	4
Micromania	Sony Playstation	H674532244532	286		120		65		378	
Micromania	Microsoft Xbox	H67664766436	55		66		65		634	
Micromania	Sony Playstation	GG3232323444566	76	2	43		76		5017	
Micromania	Microsoft Xbox	H67776414556	378		378		54		76	
Micromania	Nintendo	H6855422465323	55		120	1	103	1	143	1

Figure 1

Provide the following Key Performance Indicators in Supplier Management:

- The Number of SKU Managed (N-SKU-M),
- The Number of Suppliers Managed (NSM),
- The Perfect Purchase Order Percentage (PPOP).