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Task 1

The recent study of Germany stationary industry has revealed that the industry is doing quite well in recent years. The overall turnover of the industry is more than € 14.8 billion per year; € 35.2 billion of it is spent on writing and drawing materials (BurgerFuel, 2017). Among European Union countries, Germany ranks second in terms of spending on writing and drawing materials. Almost 70% of German stationary companies are witnessing increased sales since 2015. Germany stationary brands have good reputation in Europe and across the world. Especially writing materials produced in Germany has a significant market share against private brands (BurgerFuel, 2017). Apart from development this industry is facing challenges due to massive digitalisation and reduction in paper and paper related materials production. However, office stationary and writing instrument brands are witnessing positive growth rates. According to Trade Association for Office Supply or HBS this trend will continue in long run. Not only for official purposes, demand for stationary products has witnessed a significant growth in domestic sector as well. Findings have shown that the sale of drawing materials and painting have grown above the average rate in recent years (BurgerFuel, 2017). People are encouraging their creativity and this contributes to a great deal in this industry growth. As per statistics, more than 2000 wholesale companies are operating in Germany's stationary industry; this includes wholesalers who are selling office supplies, paper, writing instruments as well as B2B intermediaries who directly deal with commercial customers (Apospori et al. 2012, p.30). The strategy of wholesalers of selling products directly to customers without retailer is gaining popularity in recent years, though apart from wholesalers, German stationary market is comprised of 5500 retailers who specialise in selling stationary products to customers (Kim *et al.* 2012, p.300).



Task 2

	Total CD's	% of total	Price of CD	Estimated Profits	% of total profit
Complimentary	130	2.7%	0	-260	-0.75%
General	353	7.4%	10	2824	8.12%
Mail order	167	3.5%	10	1336	3.84%
Web order	223	4.7%	10	1784	5.13%
Concert Performance	1376	28.8%	12	13760	39.57%
Retail	2459	51.4%	8	14754	42.43%
Brighton pubs	72	1.5%	10	576	1.66%
	4780			34774	

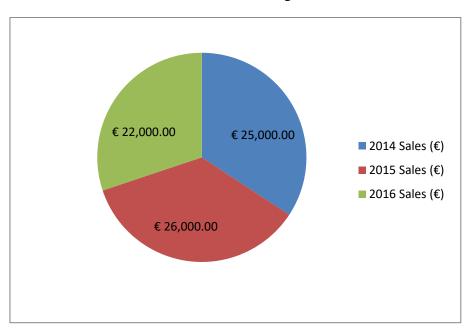


Task 3

a)

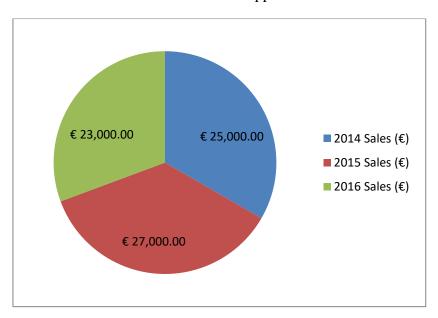
Product item	2014 Sales (€)	2015 Sales (€)	2016 Sales (€)
Printer cartridges	€ 25,000.00	€ 26,000.00	€ 22,000.00
General office supplies	€ 25,000.00	€ 27,000.00	€ 23,000.00
Low-cost printers	€ 15,000.00	€ 18,000.00	€ 18,000.00
Office furniture	€ 25,000.00	€ 25,000.00	€ 27,000.00
Shredders	€ 25,000.00	€ 29,000.00	€ 29,000.00
Paper-based supplies	€ 25,000.00	€ 27,000.00	€ 27,000.00
Writing/drawing materials	€ 25,000.00	€ 30,000.00	€ 32,000.00
Total Sales	€ 165,000.00	€ 182,000.00	€ 178,000.00

b) Printer Cartridge

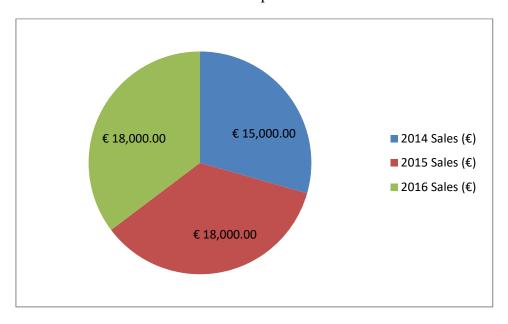




General office supplies



Low cost printers

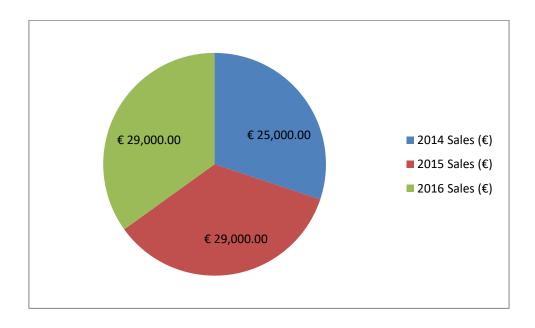




Office Furniture

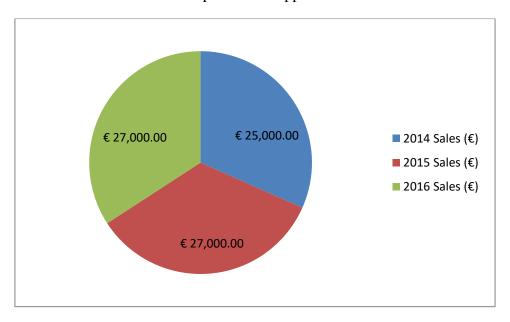


Shredders

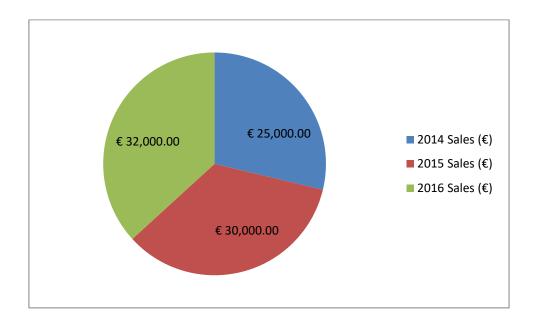




Paper Based supplies

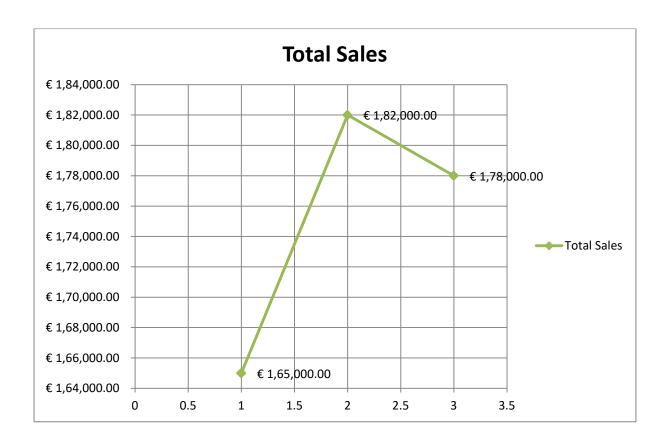


Writing/Drawing materials





c)



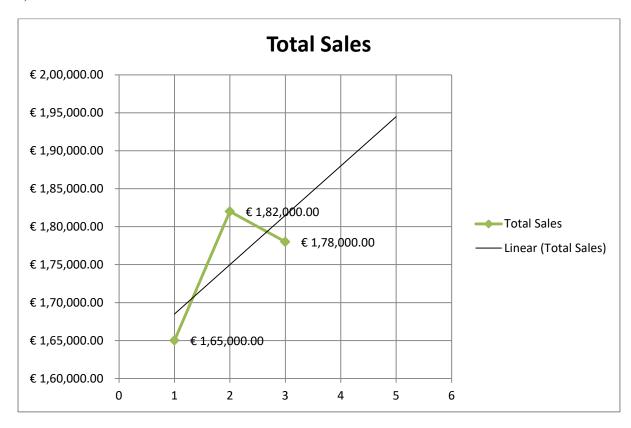
Correlation and coefficient:

YEAR	Correlation and coefficient	
2014-2015	0.900885233	
2014-2016	0.693888666	
2015-2016	0.847510399	



It is evident from the correlation and coefficient that 2014-2015 has a strong uphill (positive) linear relationship. It is almost a perfect linear relationship (0.900885233) between 2014-2015. Moreover, in 2015-2016 a strong linear relationship is witnessed.

d)



This continuous sales trend has witnessed that in 2016 company sales has gone down from previous year sales, though in 2017 Duque Papetiers Gros will witness €190000.00 sales and in 2018 the sales figure will be increased to €195000.00



Task 4

Should I expand my business to online (B2B)?

Pros	Score/10	Cons	Score/10
Payment speed, no	7	Lacks personal	5
issue of delayed		communication	
payments or cheque			
bounce			
Receive orders from	8	Online payment	6
clients round the		could be inflated and	
clock		this affects the	
		revenue	
Could reach clients	7	Flexibility is missing,	5
from distant cities,		loyal customer can't	
states and countries		get benefits of special	
		offers and discounts	
Online	7		
communication with			
clients incurs low			
cost			
Total Pros	29	Total Cons	16
Average Pros	7.25	Average Cons	5.33

Figure T4: A 'pros and cons method' table for expanding to B2B



Task 5

a)

"Should I expand my business to Belgium and Germany?"

Pros	Score/10	Cons	Score/10
Germany has the	8	German government	6
largest economy and		regulations are	
largest population in		protective and	
Europe		complex, especially	
		in maintaining	
		environmental	
		standard	
Small and medium	8		
sized business are the			
main source of			
German economy			
Belgium has highly	7	High marginal tax	7
sophisticated		rate and complex tax	
infrastructure,		laws could be an	
railways and state of		obstacle for business	
the art		in Belgium	
telecommunications			
network			
Total Pros	23	Total Cons	13
Average Pros	7.66	Average Cons	6.5

b) International Organization for Standardization is an international standard setting body comprised of representatives of various national standards organizations (Anderson *et al.* 2011). Headquartered in Geneva, Switzerland this organization promotes industrial,



commercial and proprietary standards (Torugsa *et al. 2012, p.499*). For Duque Papetiers Gros there are mainly three standards that should be followed, these three standards are ISO 9000 Quality Management, ISO 14000 family-Environmental management and ISO 26000 Social Responsibility.

ISO 9000 Quality Management: This standard provides guidance and tools for companies and organizations to help the companies to meet customer's requirements (Mitchell, 2013). This standard focuses on customer standard, implication and motivation of top management. This standard makes sure that customers get good quality products and services that would bring benefits to the business (Kidalov, 2011, p.450). Duque Papetiers Gros is a family stationary business in Northern France and it has a loyal customer base for more than 50 years. This company has a positive image as a trustworthy, reliable company, so to maintain this image; company needs to abide by ISO 9000 Quality Management standard to meet customer's requirement (Jones *et al. 2013, p.60*).

ISO 14000 family-Environmental management: This standard focuses on environmental systems. This standard focuses on communications, audits, life cycle analysis, labelling and environmental challenges such as climate change (Murillo-Luna *et al.* 2011, p.1420). Duque Papetiers Gros has its product base in printer cartridge, office supplies, paper based supplies and writing and drawing materials. While using the paper the company should maintain ISO 14000 Environmental management not to violate the environmental standard set by this international organization (Müsgens *et al.* 2014, p.398).

ISO 26000 Social Responsibility: Any organization or business needs to operate in good relationship with society and environment to work effectively for longer terms (Babiak and Trendafilova, 2011, p.20). This is a parameter to measure their all over performance as well. This standard gives guidance of doing business in a socially responsible way that would contribute to the welfare of the society (Vázquez-Carrasco and López-Pérez, 2013, p.3206). This company has an impression of donating generously in local charities related to primary schools (Polasky *et al.* 2011, p.400). This way, Duque Papetiers Gros is contributing towards social responsibility and it is very essential for the company to follow the international standard of ISO 26000 to maintain its overall performance.

Task 6

The two hypothesis are as follows:



H₀: μ = €240

H₁: μ ≠ €240

Hence, standard error = $s\sqrt{n}$ / = $43\sqrt{50}$ / = 437.07 / = 6.08 (to 2 d.p.) = 6 (to 1 s.f.)

From the above it can be assumed that the same would lie within the significance level.

Task-7

a)

The following suggestions has to be adopted to increase the response level of the customers with respect to the questionnaire

- The questions should be short and easily understandable
- The most questions has to be answered by yes and know
- Small discounts or cash awards or shopping points should be offered to the customers for returning the properly completed questionnaire
- Priority shopping facility to be given to the customers who are returning the properly completed questionnaire

b)

Sl no.	CUST_SERV	QUAL_P&S	SALES_STAFF	PRICE_VALUE	
1	3	3	3	3	
2	3	3	3	2	
3	4	4	4	2	
4	4	3	4	1	
5	2	3	2	2	
6	4	4	4	2	
7	4	3	4	2	
8	4	3	4	2	
9	2	3	2	2	
10	4	3	4	1	
11	4	3	4	2	



12	4	3	4	2	
13	4	3	4	2	
14	4	3	4	1	
15	2	3	2	2	
16	4	3	4	2	
17	4	4	4	2	
18	3	3	3	3	
19	4	3	4	2	
20	3	3	2	2	
	3.5	3.15	3.45	1.95	mean
	0.76088591	0.36634755	0.825577947	0.510417786	SD

According to the descriptive statistical analysis the variable "SALES_STAFF" is the cause of incomplete return of the questionnaire.

Task-8The most important findings with respect to this quantitative analysis as follows:

Printer cartridges and the Writing/drawing materials are one the most important sales material of the European stationary market. A stable rising trend can be observed in the sales of the products. Expansion of business is possible in Germany and France stationary market as the positive points of sales expansion are more than the negative points. Most of the customers of the stationary industry are very reluctant to return the fully completed questionnaire form

Improvement should be brought with respect to the variables "CUST_SERV" and "SALES_STAFF". Because, these variables shows sd values that are close to 1.



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