SNS COLLEGE OF TECHNOLOGY



DATA ANALYTICSINRETAILSTORES TOCK INVENTORY ANALYTICS.

LITERATURE SURVEY-1

TEAM MEMBERS

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1.	Literaturer eview andcurrent trends	JorgeAndrés EspinozaAguirr elndustrialEngin eering,Faculty ofChemicalScie ncesUniversity ofCuencaCuenc a,Ecuador0000- 0001-5685-2681	February 2015	One of themostimpor tantretail industrytrends isinvestment inOmnichanne Iretailstrategie s. Researchshow s that theaverage digitalconsum erowns 3.64connected devices andtends toconsult thesedevices priortomaking a purchase.	Inadequatec apital isalways a bigproblem totheir trade.No room forexpansion due to lack ofenoughcapi tal. Inability toenjoyecon omies ofscale
2.	Research metholog	Cinthya Vanessa MuñozMacasIn dustrialEngineer ing,Faculty ofChemicalScie ncesUniversity ofCuencaCuenc a,Ecuador0000- 0001-9820-0331	March 2017	Marketresear ch, inother words,is researchabout theworld of yourretailbusi ness. Among otheressential details, it willprovide youwith data onyour targetshopper' sbuying power,shoppin gpreferences,a ndrelationship	 Marke tingre searc h(MR) is acostl yaffair. It isalsol ength y andti meconsu ming. It hasal imite d scope.

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				with competitors	
3.	Content Analysis	RodrigoArcental es- CarriónResearc h Groupin Accounting,Fina nce, andTaxation,Fa cultyof Economicsand	March 2022	Solving YourOut-of- StockProblem OnceandforAll 	 Can beextremely timeconsumi ng. Is subject toincreased error,particular lywhen relationalanaly sis.
4.	Metadata Analysis	MarioPeña ResearchDe partment(DI UC) University ofCuencaCuenca, Ecuador0000-000 2-3986- 7707	Between the years20 15 and 2019	embedded orhidden inotherdata.Itis sometimescall ed "dataabout data." Aproblem withmetadata arises when onesendsane mail or adocumentun wittinglydisclo singconfidenti al information.	Data sets cangainunwa ntedattention from hackersandi mportantinfo rmationcan be leakedtocom petitors.
5.	Product reorderingo rreplenish ment	Mario PeñaResear chDepartme nt(DIUC) University ofCuenca Cuenca,Ecuador 0000-0002-3986 -7707	Februar y2021	A reorder point(ROP) is aspecific level atwhich yourstock needs tobe replenished.In other words,ittellsyou when to placean order so youwon'trunout of stock.	Thetwofactors thatdetermine theappropriate orderpointaret he deliverytime stockwhich is theInventoryne eded duringtheleadti me
6.	Concept andObjective	Siddharthsai	2020	Lack ofvisibili ty Disconn ectedst oretea ms.	Inconsistenc e,Warehouse effiencyetc

7.	Sales Data,andIn ventoryBal ance	RodrigoArce ntales- CarrionUnive rsity ofCuenca	Early2021	The problemface d by thecompany is they do nothave anysystematic system torecord andkeep theirinventoryd ata. It isdifficultforth e admin torecord theinventory dataquickly andsafely becausethey only keepit in thelogbook andnotproperly organized.	Sales Data, andInventory Balance
8.	Systems, methodolo gies, andtoolsfo cused oninventor yrecordsan dlocalizati on	Mario PenaUniversity ofCuenca	Starts in2019	The problemface d by thecompany is they do nothave anysystematic system torecord andkeep theirinventoryd ata. It isdifficultforth e admin torecord theinventory dataquickly andsafely becausethey only keepit in thelogbook andnotproperly organized	Thelimitations of a perpetualinv entorysyste minclude afalsesense of reliability and dependence on humanentry.

9.	PredictiveA nalysis ofBig Data inRetailInd ustry	HamzaBelarbi	November 2016	Predictiveanalyt icsis abranch ofadvancedanal ytics thatmakespredictionsabout futureoutcomes usinghistorical datacombined withstatisticalm odeling, dataminingtech niques andmachine learning.	Even if acompany hassufficient data, criticsargue that computers andalgorithm sfail toconsiderva riables
10.	Inventorym anagement in retailindust ry - Applicatio n of bigdataana lytics	Hien vu	December 2018	Big dataanalytics inretail enablescompa nies tocreatecusto merrecomme ndations based ontheir purchasehisto ry,resulting inpersonalized shoppingexpe riencesand improvedcust omer service.	One of thebestapplic ationsof Big data ininventorym anagementc omes from helpingbusin essesforecas ttheirdemand s.
11.	Retailinga n dretailingr esearch inthe age ofbig dataanalyt ics	Marnik G.Dekimpe	2019	Big dataanalytics inretail not onlyhas thepotential to improvethe operatingmar gins ofcompanies by60% butrevolutioni zeallareas of retail.	In the retailindustr y,bigdataana lytics helpscompa niescollect andanalyzec ustomerpurc hasehistory andpreferen cedata.

12.	IMPACT OFBIG DATAON THERETAILI NDUSTRY	A.Seetharaman	2011	The variablesconsi dered inthis study arebased on thecurrent stateof dataanalysis in theretailsector	Thefinalreco mmendation is toresearch andanalyse the company'sp erformancei n terms ofthe financialand operatingbe nefits thatcompani escan achievewith data analysis.
13.	InventoryM anagement in RetailStore	RohanAgawal	2015	It is difficultfor the adminto record theinventory dataquickly andsafely becausethey only keepit in thelogbook andnotproperly organized	Thetwofactors thatdetermine theappropriate orderpointaret he deliverytime stockwhich is theInventoryne eded duringthe leadtime
14.	RetailingS ector andBusine ssRetailin gTypes	Kujtim Hameli	2009	The economicfact ors thatmost affect thedemand forconsumerg oods are employment, wages,prices/inflation, interestrates, andconsumer confidence.	The biggestproble m withretail businessis that profitmargins ofthis businessis fixed whichranges from5 to 20 percentdepen dingupon thebrand of theproduct whichretailer isselling andalso unlikewholesal erwhocanexpandbusiness.

15.	PT.Abaisat Raya	Rahmayanti &Fauzan	2016	The total pricerequired, andhow muchavailable spaceinventor y inthewarehou se	The financialand operatingben efits thatcompani escan achievewithd ata analysis.
16.	PT.ABC (Constructi onCompan y)	Candra	2019	To get thenumberofs afety stockand todetermine themaximum inventory.	Issubjecttoi ncreaseder ror,particul arlywhenrel ational analysis.
17.	Ciputra	Budiharji &Hadikumiawat i	2020	To get thenumber offorecast salesintheco ming year.	Inability toenjoyecon omies ofscale
18.	Amigo Group	Kartikasari& Suhartono	2013	Forecastingpr oduct salesin seven storesusing thehierarchical time seriesforecast ing method.	Order pointare thedelivery timestock which isthe Inventoryneed ed duringtheleadti me
19.	BerkahS walayan(SME Market)	Al-Husainietal.	2018	Informationsy stem ofbusiness andforecastin g onsales,low-costpurchase s,andminimize inventory.	Thus, aconduciveb usinessenvir onmentwoul d needto be furtherenhan ced tofosterinno vativeand creativeSME s thatwouldbe comecompe titiveamidst thechallenge s oftheglobal market.

20.	an analysisofi nfluencingf actors	Nripendra P.Rana	2022	significantfact ors includepastex periences, avariety ofcognitivebia ses, anescalation ofcommitment and sunkoutcomes ,individualdiffe rences,including ageandsocioe conomicstatus , and abelief inpersonal relevance.	Influencingfa ctors can beused ascontrolvari ables todetermine thekeyinfluen cingfactors of anobject
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