

Supply Chain Data Analysis

(99% Accuracy)

Work Report - 苏泽

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明義銳思弘毅致遠
Deep Righteousness Sharp Ideology Strong Will Lofty Ambitions

SBA.
SCHOOL OF INFORMATION SCIENCE & TECHNOLOGY,
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**SOFTWARE DEVELOPMENT,
BIG DATA,
ARTIFICIAL INTELLIGENCE**



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01 - Data

tokenized_access_logs.csv

Product	Category	Date	Month	Hour	Department	ip	url
adidas Brazuca 2017 Official Match Ball	baseball & softball	9/1/2017 6:00	Sep	6	fitness	37.97.182.65	/department/fitness/category/baseball%20&%20softball/product/adidas%20Brazuca%202017%20Official%20Match%20Ball
The North Face Women's Recon Backpack	hunting & shooting	9/1/2017 6:00	Sep	6	fan shop	206.56.112.1	/department/fan%20shop/category/hunting%20&%20shooting/product/The%20North%20Face%20Women's%20Recon%20Backpack
adidas Kids' RG III Mid Football Cleat	featured shops	9/1/2017 6:00	Sep	6	apparel	215.143.180.0	/department/apparel/category/featured%20shops/product/adidas%20Kids%20RG%20III%20Mid%20Football%20Cleat
Under Armour Men's Compression EV SL Slide	electronics	9/1/2017 6:00	Sep	6	footwear	206.56.112.1	/department/footwear/category/electronics/product/Under%20Armour%20Men's%20Compression%20EV%20SL%20Slide
Pelican Sunstream 100 Kayak	water sports	9/1/2017 6:01	Sep	6	fan shop	136.108.56.242	/department/fan%20shop/category/water%20sports/product/Pelican%20Sunstream%20100%20Kayak
Team Golf Tennessee Volunteers Putter Grip	accessories	9/1/2017 6:02	Sep	6	outdoors	116.202.25.156	/department/outdoors/category/accessories/product/Team%20Golf%20Tennessee%20Volunteers%20Putter%20Grip
The North Face Women's Recon Backpack	hunting & shooting	9/1/2017 6:02	Sep	6	fan shop	131.132.236.70	/department/fan%20shop/category/hunting%20&%20shooting/product/The%20North%20Face%20Women's%20Recon%20Backpack
Diamondback Boys' Insight 24 Performance Hybr	basketball	9/1/2017 6:02	Sep	6	fitness	30.175.101.147	/department/fitness/category/basketball/product/Diamondback%20Boys%20Insight%2024%20Performance%20Hybr/add_to_cart
Nike Men's Dri-FIT Victory Golf Polo	women's apparel	9/1/2017 6:03	Sep	6	golf	206.56.112.1	/department/golf/category/women's%20apparel/product/Nike%20Men's%20Dri-FIT%20Victory%20Golf%20Polo
adidas Kids' RG III Mid Football Cleat	featured shops	9/1/2017 6:03	Sep	6	apparel	171.218.47.35	/department/apparel/category/featured%20shops/product/adidas%20Kids%20RG%20III%20Mid%20Football%20Cleat
Nike Men's Dri-FIT Victory Golf Polo	women's apparel	9/1/2017 6:03	Sep	6	golf	57.209.125.46	/department/golf/category/women's%20apparel/product/Nike%20Men's%20Dri-FIT%20Victory%20Golf%20Polo
Under Armour Women's Micro G Skulpt Running S	boxing & mma	9/1/2017 6:03	Sep	6	footwear	34.175.52.9	/department/footwear/category/boxing%20&%20mma/product/Under%20Armour%20Women's%20Micro%20G%20Skulpt%20Running%20S/add_to_cart
Perfect Fitness Perfect Rip Deck	cleats	9/1/2017 6:04	Sep	6	apparel	67.207.60.176	/department/apparel/category/cleats/product/Perfect%20Fitness%20Perfect%20Rip%20Deck
adidas Kids' RG III Mid Football Cleat	featured shops	9/1/2017 6:05	Sep	6	apparel	26.26.6.78	/department/apparel/category/featured%20shops/product/adidas%20Kids%20RG%20III%20Mid%20Football%20Cleat
O'Brien Men's Neoprene Life Vest	indoor outdoor games	9/1/2017 6:06	Sep	6	fan shop	56.236.85.9	/department/fan%20shop/category/indoor%20outdoor%20games/product/O'Brien%20Men's%20Neoprene%20Life%20Vest
Under Armour Hustle Storm Medium Duffle Bag	fitness accessories	9/1/2017 6:06	Sep	6	footwear	190.134.131.64	/department/footwear/category/fitness%20accessories/product/Under%20Armour%20Hustle%20Storm%20Medium%20Duffle%20Bag/add_to_cart
Under Armour Women's Micro G Skulpt Running S	boxing & mma	9/1/2017 6:06	Sep	6	footwear	171.218.47.35	/department/footwear/category/boxing%20&%20mma/product/Under%20Armour%20Women's%20Micro%20G%20Skulpt%20Running%20S
Under Armour Men's Compression EV SL Slide	electronics	9/1/2017 6:06	Sep	6	footwear	194.78.95.39	/department/footwear/category/electronics/product/Under%20Armour%20Men's%20Compression%20EV%20SL%20Slide
SOLE E35 Elliptical	strength training	9/1/2017 6:07	Sep	6	footwear	41.209.131.244	/department/footwear/category/strength%20training/product/SOLE%20E35%20Elliptical/add_to_cart
Nike Men's Dri-FIT Victory Golf Polo	women's apparel	9/1/2017 6:07	Sep	6	golf	81.232.70.160	/department/golf/category/women's%20apparel/product/Nike%20Men's%20Dri-FIT%20Victory%20Golf%20Polo
Under Armour Hustle Storm Medium Duffle Bag	fitness accessories	9/1/2017 6:08	Sep	6	footwear	131.132.236.70	/department/footwear/category/fitness%20accessories/product/Under%20Armour%20Hustle%20Storm%20Medium%20Duffle%20Bag
Nike Men's Comfort 2 Slide	tennis & racquet	9/1/2017 6:09	Sep	6	fitness	186.82.23.71	/department/fitness/category/tennis%20&%20racquet/product/Nike%20Men's%20Comfort%202%20Slide
Under Armour Men's Tech II T-Shirt	lacrosse	9/1/2017 6:09	Sep	6	fitness	7.178.104.99	/department/fitness/category/lacrosse/product/Under%20Armour%20Men's%20Tech%20II%20T-Shirt
Nike Men's Free 5.0+ Running Shoe	cardio equipment	9/1/2017 6:09	Sep	6	footwear	186.82.23.71	/department/footwear/category/cardio%20equipment/product/Nike%20Men's%20Free%205.0+%20Running%20Shoe
Nike Men's Fingertrap Max Training Shoe	soccer	9/1/2017 6:10	Sep	6	fitness	64.75.129.109	/department/fitness/category/soccer/product/Nike%20Men's%20Fingertrap%20Max%20Training%20Shoe
adidas Youth Germany Black/Red Away Match Soc	girls' apparel	9/1/2017 6:10	Sep	6	golf	187.193.85.79	/department/golf/category/girls%20apparel/product/adidas%20Youth%20Germany%20Black/Red%20Away%20Match%20Soc
Pelican Sunstream 100 Kayak	water sports	9/1/2017 6:11	Sep	6	fan shop	173.253.223.50	/department/fan%20shop/category/water%20sports/product/Pelican%20Sunstream%20100%20Kayak
Field & Stream Sportsman 16 Gun Fire Safe	fishing	9/1/2017 6:12	Sep	6	fan shop	57.209.125.46	/department/fan%20shop/category/fishing/product/Field%20&%20Stream%20Sportsman%2016%20Gun%20Fire%20Safe
Yakima DoubleDown Ace Hitch Mount 4-Bike Rack	strength training	9/1/2017 6:12	Sep	6	footwear	217.154.105.170	/department/footwear/category/strength%20training/product/Yakima%20DoubleDown%20Ace%20Hitch%20Mount%204-Bike%20Rack
Columbia Men's PFG Anchor Tough T-Shirt	shop by sport	9/1/2017 6:13	Sep	6	golf	62.164.176.196	/department/golf/category/shop%20by%20sport/product/Columbia%20Men's%20PFG%20Anchor%20Tough%20T-Shirt
Perfect Fitness Perfect Rip Deck	cleats	9/1/2017 6:13	Sep	6	apparel	26.26.6.78	/department/apparel/category/cleats/product/Perfect%20Fitness%20Perfect%20Rip%20Deck
Ogio Race Golf Shoes	golf bags & carts	9/1/2017 6:14	Sep	6	outdoors	73.239.207.127	/department/outdoors/category/golf%20bags%20&%20carts/product/Ogio%20Race%20Golf%20Shoes/add_to_cart
Stiga Master Series ST3100 Competition Indoor	hockey	9/1/2017 6:15	Sep	6	fitness	26.26.6.78	/department/fitness/category/hockey/product/Stiga%20Master%20Series%20ST3100%20Competition%20Indoor/add_to_cart
Diamondback Boys' Insight 24 Performance Hybr	basketball	9/1/2017 6:15	Sep	6	fitness	64.233.242.248	/department/fitness/category/basketball/product/Diamondback%20Boys%20Insight%2024%20Performance%20Hybr
adidas Youth Germany Black/Red Away Match Soc	girls' apparel	9/1/2017 6:15	Sep	6	golf	187.193.85.79	/department/golf/category/girls%20apparel/product/adidas%20Youth%20Germany%20Black/Red%20Away%20Match%20Soc



01 - Data



01 - Data

FIELDS	DESCRIPTION
Type	: Type of transaction made
Days for shipping (real)	: Actual shipping days of the purchased product
Days for shipment (scheduled)	: Days of scheduled delivery of the purchased product
Benefit per order	: Earnings per order placed
Sales per customer	: Total sales per customer made per customer
Delivery Status	: Delivery status of orders: Advance shipping , Late delivery , Shipping canceled , Shipping on time
Late_delivery_risk	: Categorical variable that indicates if sending is late (1), it is not late (0).
Category Id	: Product category code
Category Name	: Description of the product category
Customer City	: City where the customer made the purchase
Customer Country	: Country where the customer made the purchase
Customer Email	: Customer's email
Customer Name	: Customer name
Customer Id	: Customer ID
Customer Lname	: Customer lastname
Customer Password	: Masked customer key
Customer Segment	: Types of Customers: Consumer , Corporate , Home Office
Customer State	: State to which the store where the purchase is registered belongs
Customer Street	: Street to which the store where the purchase is registered belongs
Customer Zipcode	: Customer Zipcode
Department Id	: Department code of store
Department Name	: Department name of store
Latitude	: Latitude corresponding to location of store
Longitude	: Longitude corresponding to location of store
Market	: Market to where the order is delivered : Africa , Europe , LATAM , Pacific Asia , USCA
Order City	: Destination city of the order
Order Country	: Destination country of the order
Order Customer Id	: Customer order code
order date (DateOrders)	: Date on which the order is made
Order Id	: Order code
Order Item Cardprod Id	: Product code generated through the RFID reader
Order Item Discount	: Order item discount value
Order Item Discount Rate	: Order item discount percentage
Order Item Id	: Order item code
Order Item Product Price	: Price of products without discount
Order Item Profit Ratio	: Order Item Profit Ratio
Order Item Quantity	: Number of products per order
Sales	: Value in sales
Order Item Total	: Total amount per order
Order Profit Per Order	: Order Profit Per Order
Order Region	: Region of the world where the order is delivered : Southeast Asia ,South Asia ,Oceania ,Eastern Asia ,West Asia , West of USA , US Center , West Africa ,Central Africa ,North Africa ,Western Europe ,Northern , Caribbean , South America ,East Africa ,Southern Europe , East of USA ,Canada ,Southern Africa ,Central Asia , Europe , Central America ,Eastern Europe , Southern Europe
Order State	: State of the region where the order is delivered
Order Status	: Order Status : COMPLETE , PENDING , CLOSED , PENDING_PAYMENT ,CANCELED , PROCESSING ,SUSPECTED_FRAUD ,ON_HOLD ,PAYMENT REVIEW
Product Card Id	: Product code
Product Category Id	: Product category code
Product Description	: Product Description
Product Image	: Link of visit and purchase of the product
Product Name	: Product Name
Product Price	: Product Price
Product Status	: Status of the product stock : If it is 1 not available , 0 the product is available
Shipping date (DateOrders)	: Exact date and time of shipment
Shipping Mode	: The following shipping modes are presented : Standard Class , First Class , Second Class , Same Day



Let' see
The Code



Thanks for your attention!

谢谢!



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