KochaSoft™

Intelligent Enterprise Data Warehouse and Simplified BI Tool for Azure

Built for SAP S/4 HANA and SAP Business Suite on HANA

Microsoft Partner
Gold Cloud Platform
Microsoft

Microsoft Azure

SAP S/4 HANA

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All about our intelligent BI Suite.

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Our team

Meet the KochaSoft Azure experts who are responsible for this solution.

Laurence Spolidoro
Director of IT Operations

https://bit.ly/2X8KhmS

laurence.spolidoro@kochasoft.com

Haran Vinayagalingam
Partner Manager

https://bit.ly/2BKhD3U

haran.vinayagalingam@kochasoft.com

Sharad Devganiya
Analytics Architect

https://bit.ly/2P5R8sP

sharad.devganiya@kochasoft.com

Who we are

KochaSoft is the world's premier provider of cloud migration solutions. We help companies migrate from their legacy, on-premise data storage solutions to the cloud. Our nimble approach, technical expertise and customer-centric attitude are what set us apart.

Founded: by Platinum SAP Consultants

Recognized: as a Microsoft Gold partner

Present: in USA, Canada, Chile, Middle East, India and Sri Lanka

Partner: With Microsoft and SAP

Services: SAP AMS & Basis, SAP migration to Azure

Why we built this tool

Our Intelligent EDW and Simplified BI Analytics Suite

Recognition

We strongly urge our customers to fully leverage their investments to get the most value out of our Intelligent EDW Platform and deploy nimble and capable BI Solutions

Value

Our Intelligent EDW provides a simplified and easy process to implement scalable and sustainable Data Warehousing solutions is extremely cost effective.

Capability

Simplified Data Governance, Streamlined Data harmonization and Robust EDW capability that leverages power of HANA and Azure

Advantages

Our Intelligent EDW and Simplified BI Analytics Suite

Speed to Design & Develop

A With prebuild data-marts built for S/4HANA, the amount of time it takes to enhance these data-marts with additional data sources and additional fields is roughly

50-70% faster

that a traditional EDW Implementation times.

Speed to Market

Based on our experience in managing and in delivering Intelligent EDW and Power BI based Implementations, on an average we have seen

50% faster delivery model

than a comparative sized EDW deployment.

Speed to Deploy

With tightly coupled integration with MS Visual Studio and GIT, the change management and promotion management and managing changes across landscapes – DEV, QA, PRE-PROD & PROD are around

20-25% faster

than say, SAP BW using more complex CTS+, Charm etc

Optimum Costs

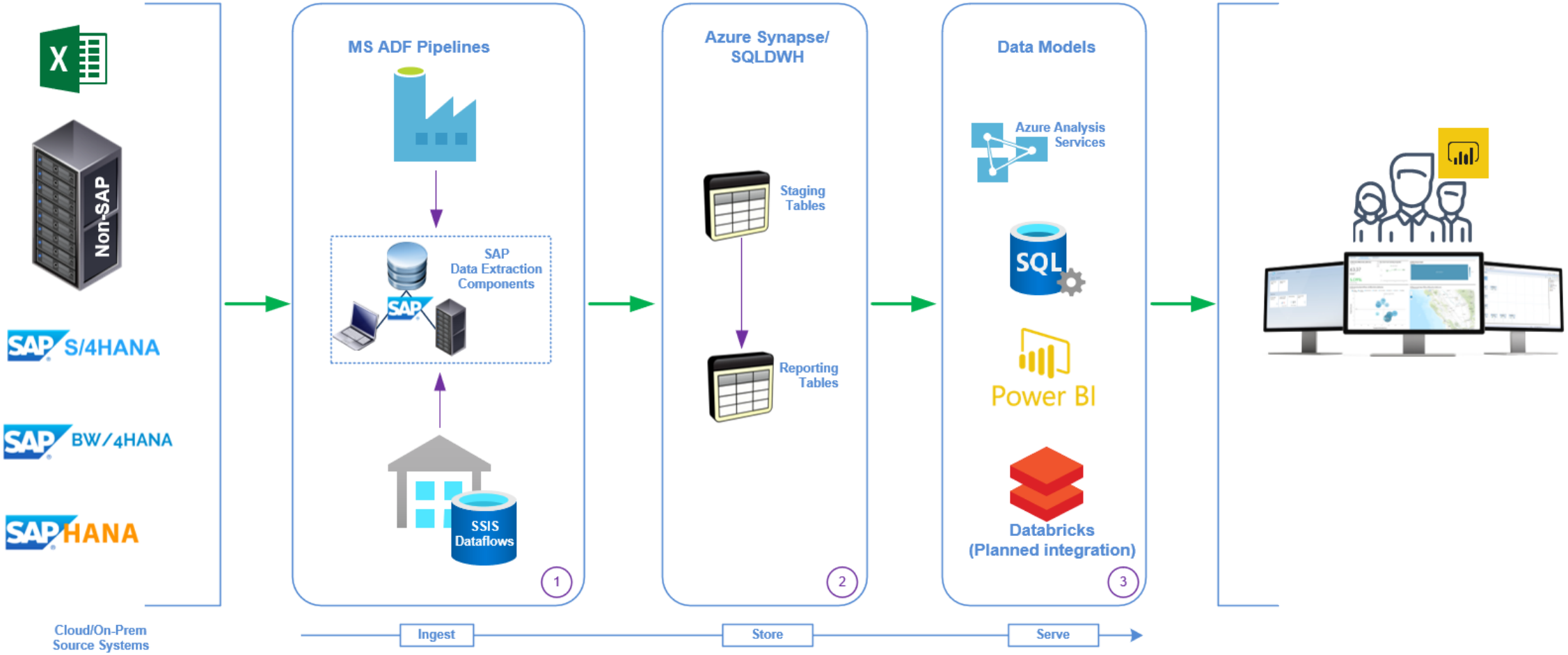
With readily available MS SSIS, SQL and Power BI resources in the marketplace and their more affordable rates and extremely cheap software licensing and attractive Azure costs, our implementations costs have been

50-70% more affordable

than similar sized EDW implementations to our customers.

Data Movement

Solution Architecture



Solution Details

Five pre-built data marts for S/4HANA and SAP business suite on HANA for Power BI reporting.

Out-of-the box capability to expose over 2000 attributes and measures for self-service and reporting.

Finance

Sales

Logistics

HR

Master Data

S/4 HANA Embedded Analytics

- Activation of all the content
- Up to 20 user group security
- Training power users

Intelligent Enterprise Data Warehouse

- Up to 2000 attributes and Measures
- Integrate non-SAP applications
- Training power users
- Flexible reporting tool

Tech Stack

- Data Layer
- Extraction, Load & Transformation Layer - SAP Certified
- Presentation Layer
- SAP S/4 HANA, SAP Business Suite on HANA + Legacy and Non-SAP Data, Flat files, Excel etc.
- Pre-Built Data Extraction Tools
- SAP HANA, MS SQL 16 In-Memory or MS SQL Server 16
- Microsoft Power BI + MS Excel
- SAP Security and Support
- S/4 HANA Embedded Analytics

Azure vs Packaged EDW

Typical cost when comparing packaged application EDW's to an Azure based EDW

Packaged Application EDW	Azure Based EDW
Initial Cost $500,000 EDW License $1,000,000 Implementation Cost Total cost: $1,500,000	**Initial Cost** $60,000 Integration Tool License $500,000 Implementation Cost Total cost: $560,000
Annual Running Cost $85,000 License Maintenance $20,000 VM Cost $2,000 Storage Cost Total cost: $107,000	**Annual Running Cost** $6,000 Integration Tool License $40,000 Query Processing Cost $5,000 ETL Pipeline cost $2,000 Storage Cost Total cost: $53,000

Is Azure EDW for your business?

If your business aligns with the following, then Azure's EDW is meant for you

1. Single SAP system with more than 70% reporting data?
2. Multiple SAP systems with existing SQL based DWH?
3. In house MS SQL skillset?
4. SAP Systems hosted on Azure?

Azure EDW is meant for your business

Solution and Next Steps

Demo

We work closely with your IT and business team going over product features, functions and capabilities

Setup

Set up the tool
for test run on customer environment
free of cost

Analysis

2-3 weeks **free** assessment of your EDW and BI needs

SOW

As per customer needs and requirements,
we will create a Statement Of Work

Kickoff

Based on project timelines, scope, budget and deliverables & develop Training Plans

Solution

The following slides are examples of…

S/4 HANA based profitability analysis

Stock Outlook Dashboards

- ✓ *Enhanced Embedded Analytics*
- ✓ *Machine Learning Models*

Profitibility Analysis

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Country

All

Date

- 2019
- 2020

Net Revenue

6.18M

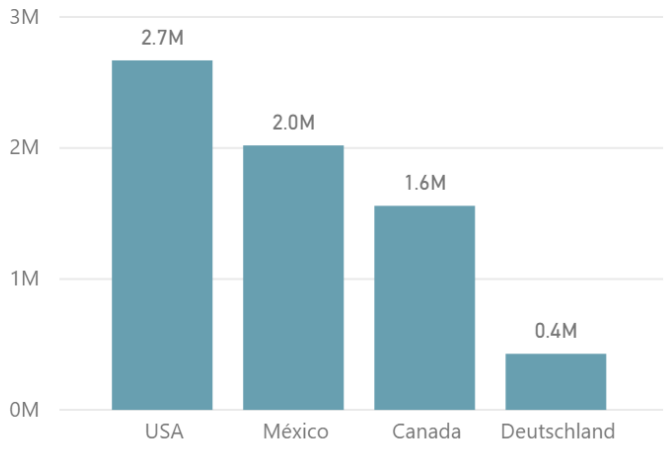
Net Sales

6.38M

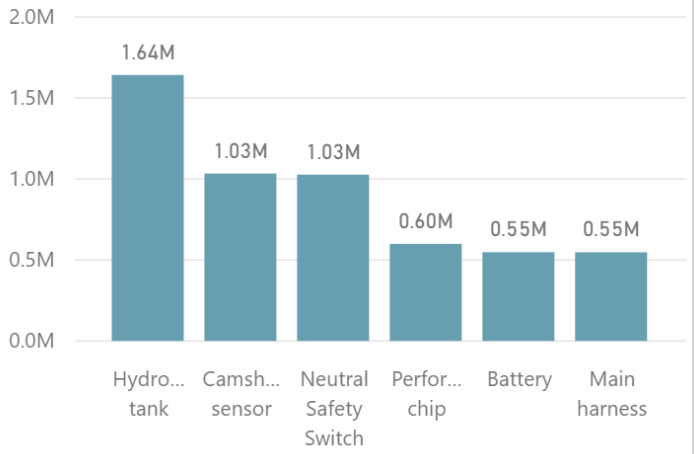
Sales Comm

199.72K

Revenue By Country



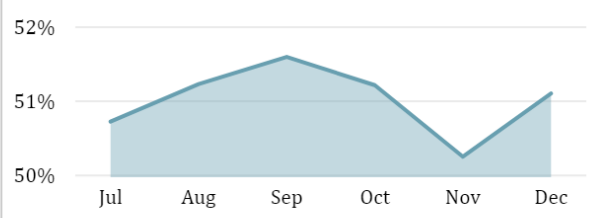
Revenue By Material



Gross Margin

51.02%

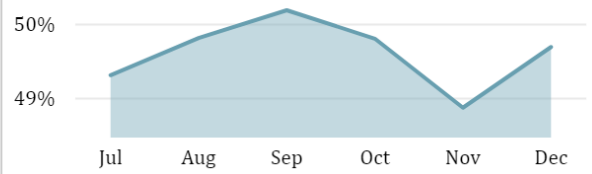
Gross Margin By Month



Sales Margin

49.62%

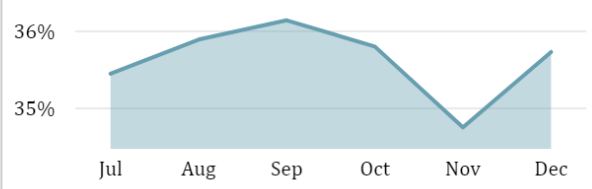
Sales Margin By Month



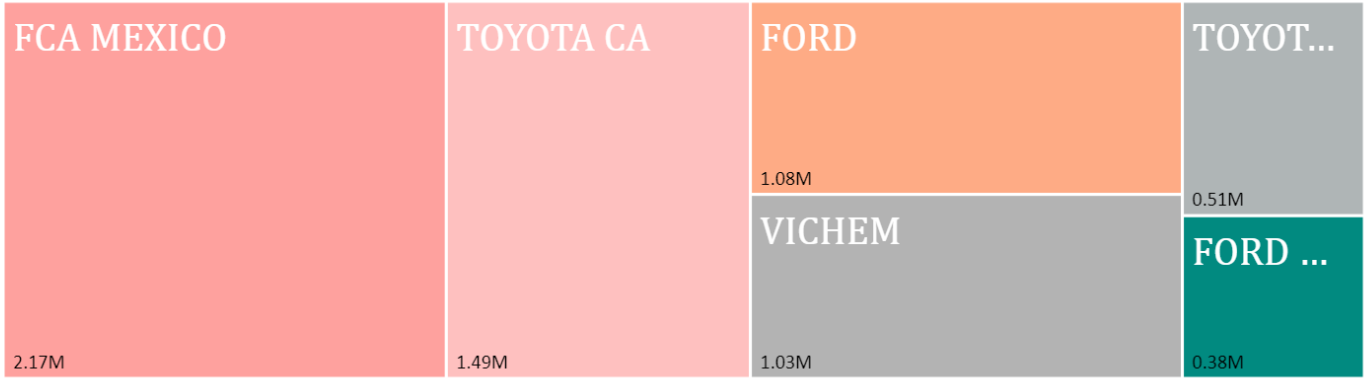
Profit Margin

35.63%

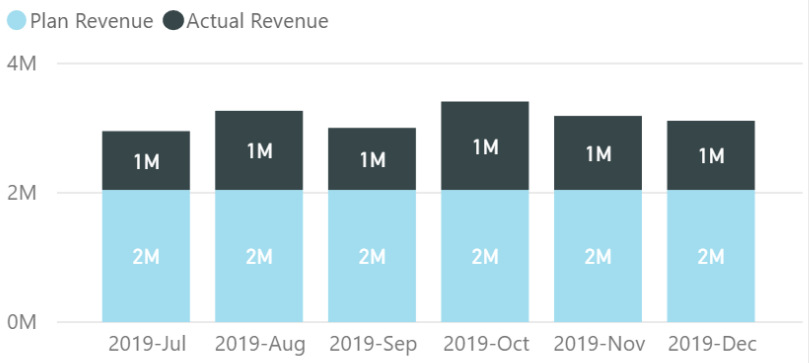
Profit Margin By Month



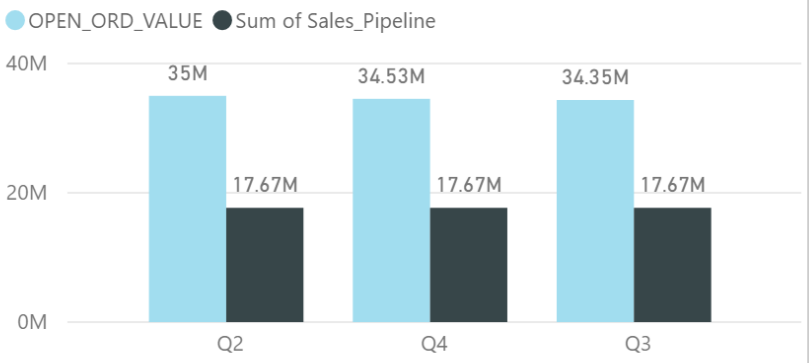
Revenue By Customer



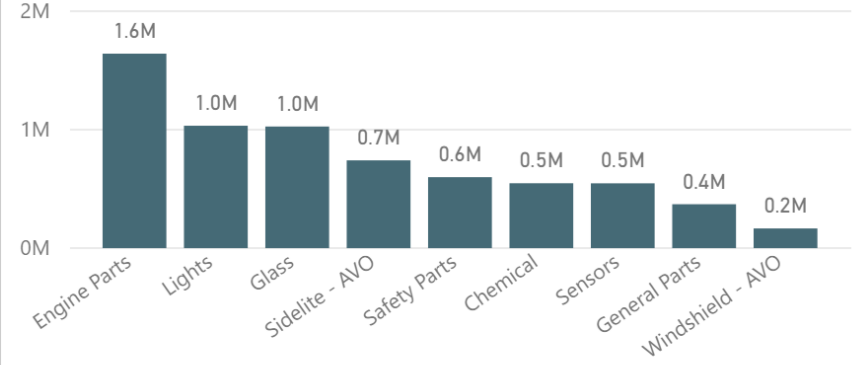
Plan Vs Actual Revenue by Month



Revenue Outlook



Revenue by Material Group



Stock Outlook

194,478
Open Order Quantity

1196290
Stock Quantity

8,521,450
Demand Quantity

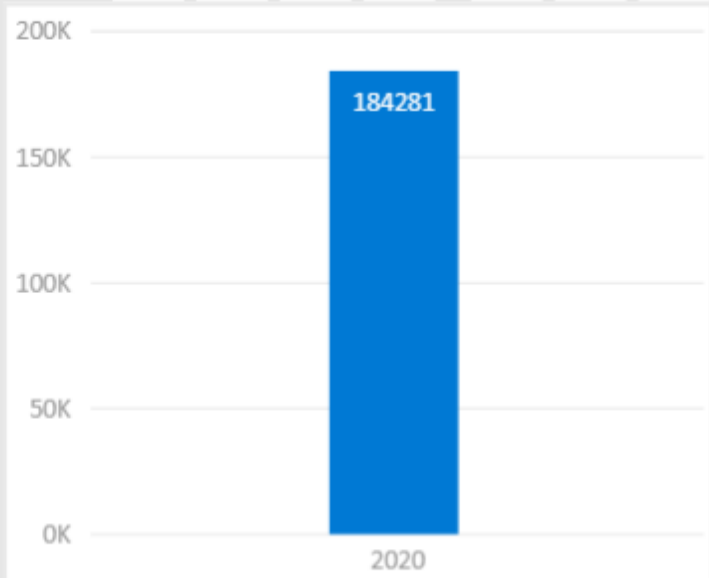
KochaSoft

Plant
All

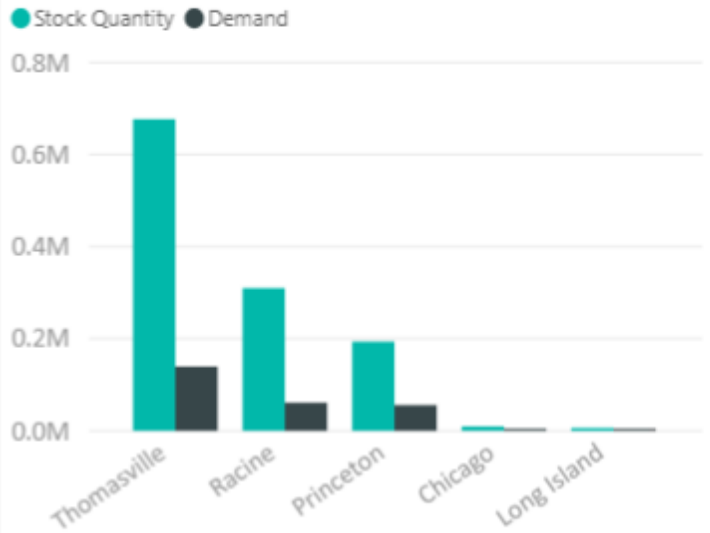
Material
All

Month
All

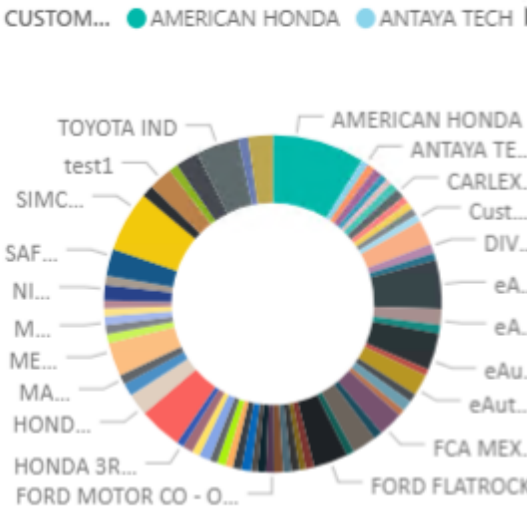
Open Order Quantity



Stock Quantity and Demand By Plant



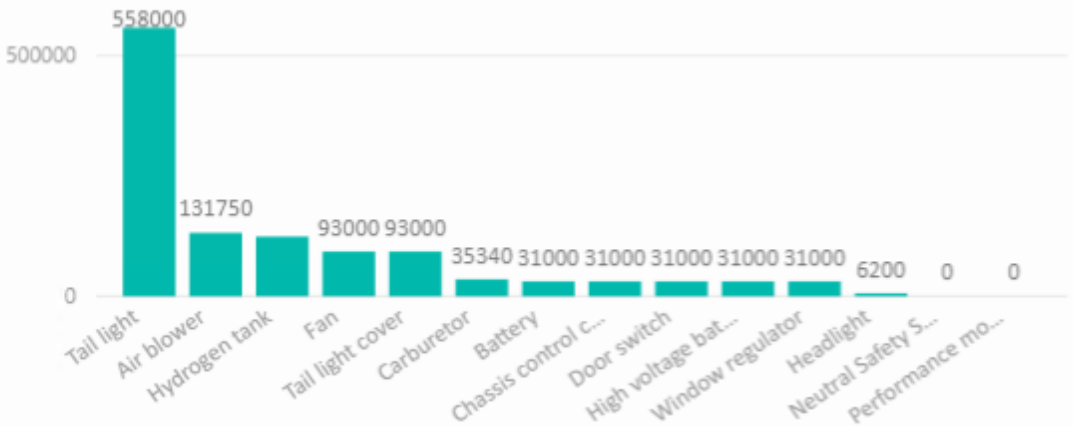
Top Customers By Open Order Value



Material	Shortage/Surplus
Air blower	58752
Battery	-130250
Carburetor	-147441
Chassis control computer	-130250
Door switch	-130250
Fan	-141248
Headlight	-22502
High voltage battery pack	-130250
Hydrogen tank	-37250
Neutral Safety Switch	-20222
Performance monitor	-20222
Tail light	395441
Tail light cover	-69559

Stock By | Storage Location | Material

Material



Top 5 Stock

Stock Outlook – Data Flow

S/4HANA
Stock CDS View

S/4HANA Sales
LIS Data Extract

3rd Party
Planning System

KochaSoft™

Intelligent
DWH On Azure

Microsoft Partner
Gold Cloud Platform

KochaSoft™

Why KochaSoft

To equip you with cutting edge analytics

Industry Leaders

Expertise in S/4HANA Embedded Analytics, SAP BW/4HAN & Azure Analytics

Prepared

Predefined templates for ETL and visualization for all Business Functions involved

Equipped

Certified Data Extraction Tool to ensure your data is safe throughout the process

Book an Analytics Strategy with KochaSoft

We are offering a complimentary assessment of your BI/BW System and will help in crafting your Analytics Roadmap. We will also set up an analytics POC for a test run on your environment at no cost to you!

- ✓ Complimentary assessment of BI/BW System
- ✓ Help craft analytics Roadmap
- ✓ Analytics POC – free of cost

Book my Strategy session with KochaSoft now

KochaSoft™

Contact Us

Phone

+1 404-694-9245

Website

www.KochaSoft.com

Email

Contact@KochaSoft.com