

# Jacob Johns

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## Experience

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### Supply Chain Data Scientist

May 2024 – Present

#### Huntsman Corp – Global Supply Chain Excellence Team

- Built global data assets in SQL, SAP HANA, and Databricks, including a Bill of Materials tracking system, standardizing supply chain data and improving reporting accuracy across regions.
- Delivered actionable insights for Finance, Logistics, Supply, Demand, and Customer Service using Power BI, R, Graph Theory, and GenAI, helping leadership reduce bottlenecks and optimize operations.
- Automated reporting pipelines with SAP ECC, Power Automate, SQL, Databricks, and Power Bi, cutting manual work and enabling near real-time visibility.
- Built enterprise AI agents and workflows using Microsoft Copilot Studio to automate supply chain analyses and data quality checks, accelerating decision-making cycles.
- Led process improvement initiatives using data analytics and automation, identifying operational inefficiencies and implementing solutions that reduced costs and improved supply chain performance.

### Demand Analyst & Analytics SME

August 2022 – May 2024

#### Huntsman Corp – Americas Polyurethanes Supply and Operations Team

- Eliminated legacy Excel processes by building automated workflows with SQL, Alteryx, Databricks, Power BI, and R for data extraction, transformation, and analysis.
- Improved Americas Demand monthly forecast accuracy from 9% to over 60% at the SKU level through statistical modeling and reduced a 50-hour monthly task to 3 hours with Power Automate.
- Implemented executive dashboards in Power BI to track forecast accuracy and demand trends, enabling faster data-driven decisions.

### Electronics Engineer

August 2019 – June 2021

#### Naval Oceanographic Office – Littoral Battlespace Sensing Division (AUVs)

- Led two multi-year projects as design engineer and project manager, assisting with budgetary constraints within specified timeframes, performing SolidWorks modeling, FEA analysis, 3D printing, laser cutting, coordinating with stakeholders, and created SOPs.
- Served as Autonomous Underwater Vehicle (AUV) SME, programming missions, collecting and cleaning data, troubleshooting technical issues, and contributing to engineering design.

## Education

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### Louisiana Tech University

Bachelor's Degree: 2015 - 2019

Major: Mechanical Engineering

Minor: Business Economics

## Skills

Data Extraction: SAP HANA, SQL, HSIMS, APIs, Web Scraping, Excel

Visualizations: R, Power Bi

Data Cleansing: R, Databricks, Sharepoint

Automation: Copilot Agents, SAP Scripting, Power Automate

Personal skills: Persistent, Accountable, Energetic, and Self Starter

Clearance: DoD Top Secret SCI

## Some Life Experiences

Ran a spontaneous Marathon

DJ'd with my dad for years

Was a steak judge for a national competition

Pitched my college senior design project to an international fund

Got 15 stitches while in a foreign country

## Interests

Traveling

Drawing

Reading

Cooking

Volunteering