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## ABOUT ME

When it comes to my career, I refer to myself as the tech translator. I create interactive visuals to help make a variety of subjects digestible for different clientele. I utilize these skills to work with executives to gather data-based insights to improve business processes. Having worked in multiple industries such as engineering, consulting, and medical, I know how to work with a variety of data types and systems. As a Data Visualization Engineer, I will deliver insights in an understandable, timely, and concise manner to help my clients.

## EDUCATION

Purdue University  
West Lafayette, IN

Double Major:  
Data Visualization  
Web Programming & Design

# Nathan Kanter

Data Visualization Engineer

## WORK EXPERIENCE

### Data Analyst

#### Eastern Industrial Automation (2024) - Contract

- Developed reusable dashboards using Microsoft Power BI to analyze the taxonomy structure of the company's website, directpneumatics.com.
- Identified underperforming product categories and recommended adjustments to improve sales.
- Created and optimized SQL queries in Microsoft Access for data analysis within Power BI.
- Presented data-driven insights to senior executives, resulting in strategic changes that increased sales by 18%.

### Data Visualization Engineer

#### NTT Data Services (2022 - 2023) - Full-Time

- Led client projects using Scrum methodologies for an international airline and major entertainment company to ensure timely and successful project delivery.
- Managed and trained offshore teams, providing them with the skills to support client engagements.
- Developed detailed project timelines and schedules, ensuring compliance with client deadlines whilst also delivering projects on time and within scope.
- Negotiated project delivery terms with client SVPs, establishing clear expectations and securing agreements that aligned with client needs and organizational goals.
- Executed comprehensive data management and configuration tasks, optimizing client data for accurate analysis and reporting by utilizing Celonis, SQL, and PQL.
- Created dashboards on ITSM processes using ServiceNow CRM and Celonis, providing actionable insights through advanced process mining techniques.
- Conducted internal training sessions on data visualization and design theory, elevating team competencies and promoting best practices.
- Performed in-depth data analysis, identifying trends and uncovering opportunities for cost savings, which led to multi-million-dollar efficiencies for clients.

# SKILLS

## Advanced

- Data Visualization
- Data Analysis
- Business Intelligence
- Tableau
- Power BI
- Alteryx
- Agile Methodologies
- User Experience Design
- Microsoft Excel

## Proficient

- Database Management
- Python
- JavaScript
- HTML/CSS
- SQL
- SaaS Systems
- Celonis
- Technical Documentation
- Adobe Creative Suite

## Intermediate

- User Interface Design
- ServiceNow
- Snowflake
- Project Management
- PHP
- Autodesk Maya

## Novice

- C++
- Salesforce
- Video Editing

# Honors & Awards

- PUR Symposiums: 3rd Place in Interdisciplinary Studies (2021)
- XPrize Digital Divide & Inclusion in Education Global Challenge: 1st Place (2020)
- PUR Symposium: Top Abstract in Math & Computational Sciences (2020)

## Data Research Analyst - Purdue University (2019 - 2022) - Part-Time

- Served as the Technical Lead for the Lupus project at the Byrd Visualization Lab, overseeing technical aspects and ensuring seamless execution of research initiatives.
- Conducted comprehensive research on Adolescent Lupus Symptom Clusters, analyzing data to identify trends and correlations that informed clinical understanding and treatment approaches.
- Developed advanced Tableau dashboards and interactive Python visualizations, providing intuitive and impactful data presentations that facilitated data-driven decision-making.
- Acquired in-depth knowledge of Lupus, enabling effective communication with hospital personnel and internal stakeholders, to ensure accurate interpretation and application of findings.
- Discovered a major clinical insight, significantly advancing the understanding of Lupus in adolescents and contributing to potential improvements in patient outcomes.

## Finance Data Analyst

### Roche Diagnostics (2021) - Contract

- Utilized SQL and Alteryx for efficient database management in SAP and Salesforce, ensuring data integrity and streamlined data processing for financial analysis.
- Developed a comprehensive Tableau dashboard to be used for the VP of Finance to the lowest level analyst, thus providing clear insights into financial actuals and supporting data-driven decision-making.
- Designed and implemented an internal website, enhancing the finance department's operational efficiency by centralizing resources and tools for improved workflow.
- Presented complex financial data to the company CFO, simplifying and streamlining insights to provide opportunities for the executive team to make informed strategic decisions.

## Certifications

- IBM SQL Certification (2024)
- ServiceNow Certified System Administrator (2023)
- Celonis Value Realization Expert (2023)
- Celonis EMS Technical Expert (2022)
- Celonis Solution Creation Expert (2022)
- AWS Certified Cloud Practitioner (2022)
- Skillsoft Managing Database Instances (2022)

## Personal Interests

- Bass Playing and the Chicago Music Scene
- Comic Book Collecting
- Cooking and Hosting Events