

# Andy Nguyen

[Email](#) | [LinkedIn](#) | [Analyst Portfolio](#)

Fort Worth, Texas (817) 965-0652

## SKILLS

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**Programming Languages:** SQL, Python, JavaScript

**Data & BI Tools:** Tableau, Excel (Pivot Tables, VLOOKUP, Conditional Formatting), Power BI

**Tools:** VS Code, Git, Discord.js, Next.js

## WORK EXPERIENCE

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### Sports Academy at the Star

**Frisco, TX**

*Performance Nutrition Assistant*

*January 2022 – January 2023*

- Monitored nutritional intake and recovery data for athletes
- Generated over 500+ sales through data-informed promotion strategies
- Coordinated weekly logistics using structured tracking systems

*Performance Nutrition Coordinator*

- Developed scheduling systems for meal prep and dietary planning for 15+ professional athletes
- Maintained organized datasets for dietary requirements and delivery tracking
- Communicated insights with leadership to ensure performance optimization

## PROJECTS

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### Athlete Performance, Recovery & Injury Risk Analysis (*Excel, Tableau, SQL*)

- Queried & analyzed athlete records to evaluate relationships among sleep, performance, and injury risk
- Built a dashboard to compare athlete outcomes across sport type, sleep groups, and injury risk categories
- Identified that higher-performing athletes also showed elevated fatigue and lower recovery, suggesting a tradeoff between output and readiness

### Specimen Shipment Integrity & Exception Risk Analysis (*Excel, Tableau, SQL*)

- Analyzed specimen shipment and logistics data to identify patterns in delays, delivery expectations, and operational risk factors
- Built an interactive dashboard to monitor KPIs such as disruption rate, delays, exception types, and high-risk shipment combinations
- Identified operational bottlenecks across logistics workflows to support shipment monitoring and data-driven decision making

### Catan Analytics Discord Bot & Dashboard (*Node.js, Next.js, Discord.js*)

- Developed a full-stack analytics system using Node.js (discord.js) and Next.js to track and visualize multiplayer game performance
- Implemented data pipelines to collect and store player statistics, including win rates, placements, and dice roll distributions
- Designed interactive dashboards with charts and probability analysis, comparing expected vs actual outcomes to evaluate player “luck”

### Discord Game Session Analytics Bot (*Node.js, Google Sheets API*)

- Developed a full-featured Discord bot to manage real-time multiplayer game sessions with interactive UI components (buttons and dropdown menus).
- Designed and maintained a data tracking system for player performance, including wins, losses, win rate
- Integrated Google Sheets API to automatically log match data and maintain live leaderboard and team summary dashboards.
- Engineered persistent storage using JSON-based data structures to maintain session and historical statistics.

## EDUCATION & CERTIFICATIONS

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**Texas Tech University** | College of Arts and Sciences

**Lubbock, TX**

*Bachelor of Science in Kinesiology | Minor in Nutrition*

*December 2021*

- IBM, Professional Data Analyst Certificate (Feb, 2024)
- Microsoft Power BI Professional Data Analyst Certification (Aug, 2025)
- AnalystBuilder, MySQL Data Analyst Certificate (Nov, 2025)