

# GOKUL ANANDH PALANISAMY

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## Education

### MBA, Business Analytics & Supply Chain Management

Aug 2022 – May 2024

Northern Kentucky University, KY

GPA: 3.5 / 4.0

- Created clean, easy-to-use dashboards by pulling data with SQL and shaping it in Power BI, helping teams spot trends and make decisions faster.
- Built a small supply-chain optimization model that cut workflow delays by about 15%, making daily operations noticeably smoother.

### B.Sc. Information Technology

Jun 2019 – Jun 2022

PSG College of Arts & Science, India

CGPA: 7.3 / 10

- Designed simple databases and dashboards that helped analyze how effectively government support programs were reaching people.

## Experience

### Digital Personal Shopper Team Associate

Sept 2024 – Jul 2025

Walmart Inc., KY

- Improved data accuracy by verifying inventory discrepancies and correcting records.
- Worked with cross-functional teams to streamline daily order fulfillment workflows.
- Enhanced reporting efficiency through simple automated data checks.

### Graduate Research Assistant

Jan 2023 – May 2024

Northern Kentucky University, KY

- Performed ETL operations using Python and SQL for academic research datasets.
- Tested REST APIs with POSTMAN and validated data retrieval accuracy.
- Documented data mapping and conversion steps for reproducibility.

## Projects

### Amazon Connect IVR System — AWS Lambda (Node.js), DynamoDB, Connect

- Built an IVR system that collects Patient ID, triggers Lambda, and retrieves appointment details from DynamoDB.
- Calling the number and hearing live appointment data made the project feel meaningful and complete.
- Used Amazon Connect, Lambda, DynamoDB, and AWS telephony services for an end-to-end cloud workflow.

### Housing Market Analysis — Tableau, Power BI

- Explored multi-year housing data and built dashboards for pricing trends and insights.
- Applied transformations to compare pricing, regional metrics, and affordability patterns.

### Google Play Store Apps Analysis — Python, Power BI

- Cleaned and transformed app data to study performance by ratings and category.
- Visualized insights through Power BI dashboards.

## Certifications

- AWS Knowledge: Amazon Connect Communications Specialist — Amazon Web Services (AWS)
- Health Information Technology Fundamentals — Johns Hopkins University
- Digital Intelligence — Harvard Manage Mentor

## Technical Skills

**Languages & Tools:** Python, SQL, JavaScript, Node.js, POSTMAN, Power BI, Tableau, Excel

**Cloud & AWS:** Amazon Connect, AWS Lambda, DynamoDB, IAM, Serverless Workflows

**ETL & Databases:** MySQL, PostgreSQL, Data Migration, API Integration, Data Mapping

**Concepts:** Data Validation, Data Quality Checks, REST APIs, Process Documentation, Problem Solving