

## Adam Covic

Nashville, TN | (615) 479-3537 | [linkedin.com/in/adamcovic](https://www.linkedin.com/in/adamcovic) | [adamcovic1973@gmail.com](mailto:adamcovic1973@gmail.com)

### EDUCATION

---

**Lipscomb University**  
**Bachelor of Science**  
Major: Data Analytics

**Nashville, TN**  
May 2026  
Cumulative GPA: 3.71

### WORK EXPERIENCE

---

#### **HCA Healthcare (Parallon)**

Financial Analyst Intern

**Nashville, TN**  
June 2025 - Current

- Reduced manual reporting workload by 15+ hours weekly by automating Outlook email drafts with VBA macros
- Migrated 50+ recurring reports into BusinessObjects, eliminating errors and ensuring data consistency across teams
- Designed and implemented a Power Apps + Power Automate request workflow with 7 integrated flows, triggered from Microsoft Forms and customized via SharePoint display/edit forms to route submissions dynamically, log outcomes, and notify stakeholders
- Analyzed 10,000+ report records in Excel, identifying discrepancies that drove corrective actions and improved accuracy
- Delivered findings to leadership, influencing workflow improvements across financial reporting

### TECHNICAL & APPLIED PROJECTS

---

#### **Used Car Price Prediction (TensorFlow & LightGBM)**

Fall 2025

- Built machine learning models in TensorFlow and LightGBM to predict used car prices using 427K+ records, improving valuation accuracy over baseline MAE/RMSE benchmarks
- Engineered robust features, handled outliers, and designed time-aware data splits to ensure model fairness and reproducibility
- Conducted hyperparameter tuning and diagnostics (residuals, SHAP) to optimize performance and interpret key price drivers such as vehicle age and condition

#### **Retail Customer Analytics & Predictive Modeling**

Fall 2025

- Analyzed transactional and demographic data using Python, SQL, and TensorFlow to uncover customer trends and predict retention, churn, and coupon response likelihood
- Built and evaluated logistic regression and neural network models using F1, ROC-AUC, and accuracy to optimize customer segmentation and targeting
- Delivered actionable insights that guided promotional and retention strategies, improving data driven marketing and sales decision making

### SELF-STUDY INDEPENDENT PROJECTS

---

#### **Healthcare Analytics Dashboard (PowerBI)**

Fall 2025

- Designed a healthcare database in MySQL with fact and dimension tables for encounters, patients, providers, and facilities, enabling accurate facility level performance analysis
- Automated ETL workflows using Python to ingest and transform data for PowerBI, ensuring reliable and consistent financial and operational reporting
- Built interactive dashboards with different visualizations (KPIs, trends, payer mix) to present insights in a user friendly format

#### **Customer Order Management System (Power Apps)**

Fall 2025

- Built a multi-screen Microsoft Power Apps application integrated with SharePoint lists to centralize customer, order, and product data management
- Implemented relational design, validation logic, and soft-delete workflows, eliminating manual CSV edits and reducing data errors
- Designed an intuitive UI with conditional controls and confirmation dialogs, improving data integrity and user experience for internal operations

### TECHNICAL SKILLS

---

- **Programming Skills:** SQL, Python, VBA, HTML, CSS, JSON
- **Analytics & Tools:** PowerBI, Tableau, SAP BusinessObjects, Power Automate, Power Apps, Excel
- **Language Skills:** English, Bosnian, Spanish