

Andrew Hewitt

DuBois, PA | (814)-771-8393 | ahewitt5505@outlook.com | linkedin.com/in/andyhewitt | andrewhewitt.vercel.app

TECHNICAL SKILLS

Languages: Python (Pandas, Matplotlib/Seaborn, NumPy), SQL, R, Java

Analysis: Geographic Information Systems, Sentiment Analysis, GTFS Data Analytics

Tools: Git, QGIS, ArcGIS, Microsoft Office Suite (Excel, Word, PowerPoint), Jupyter, RStudio

PROFESSIONAL EXPERIENCE

Extern (Beats by Dre Externship) | Remote, Data Analytics Extern | August, 2025 - December 2025

- Developed advanced data analysis skills by conducting qualitative and quantitative research to uncover customer insights related to Gen-Z trends, behaviors, and preferences for audio devices
 - Leveraged Python, data science libraries, and natural language processing tools like Gemini AI to perform sentiment analysis and visualize consumer feedback across multiple audio device brands
 - Synthesized insights and presented findings through a detailed data dashboard and visual presentations for actionable business strategies
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EDUCATION

Arizona State University | Tempe, AZ B.S. in Data Science | 2025 - 2027 (Expected)

- **GPA:** 4.0 of 4.0
- **Relevant Coursework:** Data Science and Society, Exploring Data in R and Python (Spring 2026)

Indiana University of Pennsylvania | Indiana, PA (Transferred) B.S. in Software Engineering | 2023 - 2025

- **GPA:** 3.9 of 4.0
 - **Relevant Coursework:** Numerical Analysis, Intro to Geographical Information Systems, Remote Sensing, Linear Algebra
 - **Achievements:** Received Sutton Scholars Award for sustained academic high achievement and earned Dean's List honors for five consecutive semesters (all terms enrolled)
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KEY PROJECTS

Commuter and Light Rail Efficiency Analysis | https://github.com/ahewitt5505/rail_efficiency_analysis.git

- Extracted and processed raw GTFS feeds to evaluate performance across New Jersey Transit Commuter and Light Rail lines
- Evaluated New Jersey Transit Commuter and Light Rail data to identify bottlenecks and inconsistencies in transit times
- Developed an interactive storytelling dashboard using Tableau to visualize inefficiencies and suggest data-driven recommendations for higher schedule consistency

Sentiment Analysis, Beats by Dre | https://github.com/ahewitt5505/sentiment_analysis.git

- Identified and Synthesized critical factors driving market acceleration in the wireless speaker sector based on online review data and survey responses
- Utilized generative AI and natural language processing to churn insights from qualitative data
- Formulated and presented actionable recommendations to grow market presence based on new trends, providing a concrete roadmap to ensure growth