

DAVENE E. JAMES

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PROFESSIONAL SUMMARY

Higher education business intelligence developer with 3+ years of building reporting solutions on the Ellucian Colleague Operational Data Store (ODS), Argos, and Power BI. Experienced migrating legacy institutional reporting to modern BI platforms, leading requirements-gathering with functional stakeholders across registrar, admissions, financial aid, and academic affairs, and delivering executive-level decision support. Federal IPEDS and SACSCOC reporting owner with a track record of translating complex ERP data structures into governed, audit-ready reporting assets.

TECHNICAL SKILLS

Higher Ed Reporting Platforms: Ellucian Colleague ODS (300+ tables, custom schema views), Ellucian Argos, Watermark, IPEDS federal reporting, SACSCOC accreditation reporting, FERPA-compliant data handling

BI & Data Modeling: Power BI (semantic models, DAX, Power Query/M, workspace governance, custom JSON themes), Tableau, star schema and dimensional modeling, KPI definition, data storytelling

Data Engineering: SQL (PostgreSQL, SQL Server), ETL pipeline design, Power Automate, SharePoint, Smartsheet, VS Code, GitHub (PRs, code review, protected branches), Microsoft Fabric (Warehouse, Semantic Model, Notebooks), Power BI Desktop with TMDL

PROFESSIONAL EXPERIENCE

Enterprise Analytics Specialist II

July 2026 – Present

University of Central Florida | Analytics & Integrated Planning, Office of the Provost

Orlando, FL

- Worked alongside the team of the transition of legacy paginated reporting from AURORA and PARIS into modern Power BI dashboards; driving wireframing and design sessions with functional stakeholders, translating static report specifications into governed semantic models, and rebuilding institutional reporting for self-service consumption.
- Identify data requirements and conduct data collection, cleansing, and analysis to deliver recurring and ad-hoc analyses for university leadership, partnering with colleges and administrative units to coordinate analytic activity across the institution.
- Build and maintain Power BI dashboards and semantic models using DAX and Power Query (M); communicate findings to senior administration, train end users on delivered reporting tools, and maintain process and metric documentation.
- Analytics engineer focused on turning source-of-truth business systems (Huron, WorkDay) into governed, star-schema semantic models in Microsoft Fabric, with everything version-controlled in Git and reviewed via pull request.

Data Analyst | BI Developer

May 2024 – July 2026

Southwestern Adventist University | Office of Institutional Research & Effectiveness

Keene, TX

- Led migration of 22+ production Registrar reports from Ellucian Argos to Power BI — conducting requirements gathering with functional report owners, redesigning parameter-driven Argos Data Blocks into governed Power BI semantic models, and training end users on the replacement reporting layer.
- Developed and optimized production PostgreSQL views against the Ellucian Colleague ODS (300+ relational tables), applying query optimization, performance tuning, and star-schema modeling to build a reusable reporting layer spanning admissions funnel, enrollment census/FFTE, retention and graduation cohorts, financial aid, and faculty workload.
- Authored federal IPEDS submissions (Fall Enrollment, Graduation Rates, ACTS, Human Resources, 12-Month Enrollment), performing data validation, integrity checks, and root-cause analysis on discrepancies — protecting Title IV eligibility and resolving a critical submission that averted a federal penalty.
- Served as data lead on institutional ERP/SIS modernization, building data infrastructure groundwork and source-system mapping for the Colleague-to-Core Campus SIS migration, and standing up automated pipelines that eliminated recurring manual Excel reporting cycles.
- Administered Power BI workspace governance for 15+ institutional departments — access controls, dataset refresh scheduling, app deployment, naming standards, and documentation — and mentored colleagues on SQL and self-service analytics to raise institutional data literacy.

EDUCATION & CERTIFICATIONS

Bachelor of Arts — Southwestern Adventist University

Jan 2020 – May 2024 | Keene, TX

Microsoft Certified: Power BI Data Analyst Associate (PL-300) — In Progress

Project Management Foundations: Teams (LinkedIn Learning)