

Wyatt Barber

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SUMMARY

Enterprise data and analytics director with 15 years across business intelligence, data engineering, **enterprise reporting**, and governed data platforms, including more than 7 years leading teams and transformation programs. Leads **Microsoft Fabric**, **Power BI**, Azure, lakehouse architecture, ETL and ELT integration, semantic models, certified data products, and multi source reporting across healthcare and higher education. Connects executive priorities with practical roadmaps, trusted KPIs, scalable platforms, and measurable adoption. Builds centralized services with **federated domain ownership**, supported by stewardship, metadata, quality controls, privacy, security, and access governance. Advises academic, research, finance, and administrative leaders on platform investment and value realization. Brings direct experience with HIPAA, IRB, FERPA, Microsoft Purview, ERP, HR, research, and student systems.

EXPERIENCE

Director, Data and Analytics

January 2022 - Present

Crescent Harbor Health Sciences

Hartford, Connecticut

Direct enterprise **analytics strategy** across clinical research, finance, academic operations, and administration. Lead Microsoft Fabric and Power BI modernization, federated governance, platform roadmaps, executive reporting, and adoption measurement across regulated institutional data.

- Aligned enterprise analytics roadmap with executive priorities, **compliance** obligations, and cross domain delivery needs.
- Established Microsoft Fabric lakehouse patterns, **semantic models**, and **certified data products** for shared reporting.
- Created federated governance with domain stewards, centralized standards, metadata controls, and **role based access**.
- Standardized executive KPIs and reporting definitions, giving leaders one consistent decision support layer.
- Built intake and prioritization practices linking strategic value, compliance risk, effort, and user need.
- Introduced adoption, quality, reliability, and **time to insight** measures for quarterly improvement planning

Senior Manager, Business Intelligence

July 2018 - December 2021

Summit State University

New Haven, Connecticut

Led governed business intelligence delivery across enrollment, finance, HR, research administration, and institutional planning. Directed cloud data modernization, Power BI adoption, stewardship workflows, and roadmaps that translated institutional questions into scalable services.

- Led governed Power BI delivery across enrollment, finance, HR, research, and **institutional planning** functions.
- Modernized **ETL** and **ELT** pipelines across ERP, HR, research, and student information sources.
- Implemented **stewardship** and certification workflows pairing business ownership with technical validation for self service datasets.
- Introduced Azure services and reusable semantic models that supported department reporting without duplicated definitions.
- Facilitated FERPA **data governance**, research controls, access decisions, metadata standards, and issue escalation.
- Developed executive **roadmaps** translating institutional questions into sequenced platform, data product, and dashboard initiatives

Analytics Manager, Research Operations

March 2015 - June 2018

Meridian Clinical Research Network

Providence, Rhode Island

Managed analytics delivery for research operations and administration in a regulated clinical environment. Shaped reporting architecture, **data quality** routines, Power BI products, access controls, and analyst development for sensitive institutional data.

- Managed research analytics delivery under HIPAA and IRB requirements, balancing access with privacy.
- Designed governed reporting layer integrating operational, finance, and research sources for portfolio decisions.
- Established pipeline quality checks and exception routines with accountable resolution paths for recurring issues.
- Built Power BI **dashboards** and reusable semantic datasets supporting leadership and analyst self service.
- Partnered with privacy, **security**, research, and business stakeholders on sensitive dataset **access controls**.
- Mentored analysts on **requirements discovery**, **dimensional modeling**, stakeholder communication, and production support

Senior BI Developer, Enterprise Reporting

June 2012 - February 2015

Granite Peak Financial Services

Boston, Massachusetts

Developed enterprise **business intelligence** solutions integrating transactional and administrative systems into governed reporting structures. Advanced from technical delivery into requirements leadership, audit support, model optimization, and stakeholder aligned design.

- Integrated transactional and administrative systems into governed reporting structures supporting enterprise decision making.
- Built ETL pipelines and dimensional models with documented transformations and validation logic for auditability.
- Created **executive dashboards** with standardized measures reconciled with business owners before publication.
- Tuned data models, queries, and refresh processes for reliable high use reporting.

- Supported **access reviews** while maintaining **lineage**, ownership, and approved use documentation for sensitive data.
- Translated complex reporting needs into scalable technical designs through focused requirements leadership

Business Intelligence Analyst, Operational Reporting

June 2011 - May 2012

Beacon Ridge Insurance Group

Boston, Massachusetts

Produced operational and financial reporting from multiple systems, building early expertise in SQL, data quality, documentation, dashboard prototyping, and business requirements across recurring management reporting.

- Produced operational and financial reporting from multiple systems using documented business logic.
- Developed **SQL** extracts and repeatable transformations supporting monthly management reporting and analysis.
- Validated outputs against source records and documented discrepancies affecting recurring metrics.
- Built dashboard prototypes and reporting views for policy and service trend analysis.
- Maintained **data dictionaries** and report documentation supporting consistent measure definitions.
- Reviewed requirements with business users and senior developers across integration and reporting delivery

PROJECTS

Enterprise Lakehouse Modernization 📅 2024

Unified Microsoft Fabric lakehouse patterns, Power BI semantic models, certified data products, and governed domain ownership across institutional reporting.

Federated Data Governance Program 📅 2021

Connected stewardship, metadata, quality, privacy, access controls, and certification workflows across higher education reporting domains.

Clinical Research Reporting Layer 📅 2018

Integrated operational, finance, and research sources into governed Power BI reporting with HIPAA and IRB aligned access controls.

LEADERSHIP & AWARDS

- Enterprise Analytics Leadership, directed cross domain reporting strategy across healthcare, research, finance, and academic operations.
- Data Governance Leadership, established federated stewardship, metadata, quality, privacy, and access practices across regulated environments.
- Platform Modernization Leadership, advanced Microsoft Fabric, Power BI, Azure, lakehouse, and semantic model adoption.

EDUCATION

Master of Science in Information Systems

2014

Northeastern University GPA: 4.0

Boston, Massachusetts

Coursework: Data management, business intelligence, systems analysis, enterprise architecture

Bachelor of Science in Management Information Systems

2011

University of Massachusetts Boston GPA: 4.0

Boston, Massachusetts

Coursework: Database systems, information management, business analytics, systems design

CERTIFICATIONS

- Microsoft Certified: Fabric Analytics Engineer Associate 📅 2025
- Microsoft Certified: Power BI Data Analyst Associate 📅 2023
- Microsoft Certified: Azure Data Engineer Associate 📅 2022

TECHNICAL SKILLS

- **Microsoft Analytics:** Microsoft Fabric, Power BI, Power BI Dataflows
- **Azure Data Services:** Azure Data Factory, Azure Synapse, Azure Data Lake Storage
- **Data Architecture:** Data warehouse, data lake, lakehouse
- **Data Integration:** ETL, ELT, multi source integration
- **Governance Tools:** Microsoft Purview, metadata management, data catalogs
- **Reporting Models:** Semantic models, certified data products, KPI definitions
- **Security Controls:** Role based access, privacy controls, access reviews
- **Enterprise Systems:** ERP systems, HR systems, student information systems
- **Regulated Data:** HIPAA, IRB, FERPA
- **Analytics Methods:** AI analytics, machine learning analytics, governed self service

- **Delivery Management:** Intake management, prioritization, adoption measurement
- **Quality Management:** Data quality checks, validation logic, exception routines

SKILLS

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|------------------------|--------------------|---------------------------|--------------------------|
| • Data strategy | • Power BI | • Semantic models | • Stakeholder engagement |
| • Analytics leadership | • Azure | • Data quality | • KPI standardization |
| • Data governance | • ETL and ELT | • Metadata management | • Self service analytics |
| • Microsoft Fabric | • Data integration | • Executive communication | |

PROFESSIONAL AFFILIATIONS

- Healthcare analytics and academic data governance professional communities.
- Business intelligence, data engineering, and Microsoft analytics practitioner networks.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST