Career Paths

BUSINESS ANALYTICS AND INTELLIGENCE

All around the world, billions of people actively engage with Artificial Intelligence, the Metaverse, 5G, cryptocurrency, bots, and blockchain. Advanced technologies are disrupting industries and changing business models, customer behavior, management strategies, public policy, and have broad implications for society. The major in business analytics and intelligence (BAI) is focused on data-informed business decisions, future-oriented strategies, and the advanced technologies that are changing the way we do business. BAI graduates will possess skills in the application of business analytics tools, will understand the value of insights gained from data, and will thrive in companies and organizations that value data-driven decision-making and future-oriented strategies.

Business Analytics

Example Career Paths: Data Collection/Data Mining | Experiment Design | Data Analysis | Decision Analysis and Modeling | Predictive Analytics | Customer Loyalty and Selection Programs | Marketing Strategy Development | Fraud Detection | Applied Statistics | Process Optimization | Manufacturing Design | Quality Assurance | Supply Chain Management | Information Technology

Potential Employers: Fraud Detection | Manufacturing | Supply Chain | Consumer Products | Sports | Transportation | Consulting | Entertainment | Hospitality | Healthcare | Government/Public Sector | Nonprofit

Professional Associations: International Institute of Business Analysis | Institute of Management Consultants | Insights Association

Related Occupations: Data Scientists | Logisticians | Management Analysts | Market Research Analysts | Operations Research Analysts | Quality Assurance Analysts

Operations Management

Example Career Paths: Inventory Control | Scheduling | Business Strategy | Manufacturing | Quality Assurance | Production Planning | Purchasing/Buying

Potential Employers: Manufacturing | Industrial Organizations | Service Organizations

Professional Associations: Association for Operations Management | Association for Supply Chain Management | Project Management Institute

Related Occupations: Industrial Production Managers | Logisticians | Operations Research Analysts | Project Management Specialists | Purchasing Managers, Buyers, and Purchasing Agents | Quality Control Inspectors

Banking and Finance

Example Career Paths: Corporate & Consumer Credit Analysis | Commercial Lending | Trust Management | Capital Services | Mergers & Acquisitions | Mortgage Loans | Branch Management | Operations | Cash Management | Credit Scoring & Risk Management | Private Banking | Financial Analysis | Investment Banking

Potential Employers: Commercial Banks | Credit Unions | Savings & Loan Associations | Savings Banks | Mortgage Banks | Brokerage Firms | Regulatory Agencies

Professional Associations: Mortgage Bankers Association | Securities Industry & Financial Markets Association | American Bankers Association | Association for Financial Professionals

Related Occupations: Loan Officers | Financial Analysts | Financial Examiners | Financial Managers | Securities, Commodities, and Financial Services Sales Agents

Insurance

Example Career Paths: Actuarial Science | Risk Management/Assessment | Claims | Sales | Loss Management & Control | Underwriting | Asset Management | Customer Service

Potential Employers: Insurance Firms | Insurance Agents & Brokers | Consulting Firms | Government Agencies

Professional Associations: American Academy of Actuaries | National Association of Professional Insurance Agents | Insurance Information Institute

Related Occupations: Actuaries | Claims Adjusters, Appraisers, Examiners, & Investigators | Insurance Sales Agents | Insurance Underwriters

Management

Example Career Paths: Employee Supervision | Operations Supervision | Project Management | Team Management | Information Management | Executive Management

Potential Employers: Any type of organization/industry

Professional Associations: American Management Association | Project Management Institute

Related Occupations: Management Occupations

Preparing for your Career

- Pursue internships to learn about the field and gain experience. Consider completing multiple internships during the school year and/or the summer to build more connections.
- Actively participate in student organizations to develop leadership skills & learn to work well with a team.
- Maintain a high GPA and secure strong faculty recommendations if interested in graduate study (MBA or Masters in Business Analytics).
- Develop a strong background in information technology, software, and tools related to data mining, statistical analysis, and business process optimization.
- Join relevant College of Business clubs to gain knowledge about professions of interest.
- Earn relevant industry certifications to increase marketability.
- Develop strong comunication skills in order to communicate statistical information clearly to people without technical backgrounds. Writing and presentation skills are also important.
- Conduct informational interviews with professionals in field of interest to learn more about their work and build a network of contacts.

This resource was adapted from What Can I Do With My Major.
For more, visit https://web.uri.edu/career/wcidwmm/

WCIDWMM

What Can I Do With This Major? features 100 major profiles with information on common career paths, types of employers that hire in the field, and strategies to maximize opportunities. Scroll to the…

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