

Business Economist and Data Scientist

*Economics, Valuation, Data Analytics
Strategy and Business Valuation Practice Area*

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Anderson Economic Group seeks a motivated individual to join our strategy and business valuation practice area in our East Lansing, Michigan office. The position requires critical thinking, technical skills, and communications ability. Employees must also commit to uphold our core values of professionalism, integrity, and expertise.

Example Projects

At Anderson Economic Group, we work on interesting questions every day, such as:

- How quickly will consumers adopt electric vehicles, given the cost differences and lack of infrastructure?
- How much are emissions likely to change, by sector, if regulatory policy shifts?
- What are the losses in business value from a breach of contract, a violation of law, or a change in regulation?
- What is the likely demand for legal and gray-market cannabis products, by state? What will be the effect on demand for alcoholic beverages?
- Where should you locate a luxury auto dealer; a high-tech business; or the Amazon HQ2?
- What is the economic impact of an auto workers strike?
- Can a state earn enough revenue from users of public roads without increasing the gas tax?
- What impact does rent control have on a city's housing stock?
- What is a better decision model for a business: machine learning, discounted cash flow, recursive decision models, or flipping a coin?

All of these questions have been addressed in recent Anderson Economic Group projects. At least two of them have resulted in a publication earning a national award.

Responsibilities

Upon joining the firm, the business economist and data scientist will:

- Collect, analyze, manage, and visualize data using Matlab and other mathematical software.
- Apply economic reasoning, and critically analyze data sources, methods, and metrics, documenting and defending these.
- Employ decision models, valuation models, and exploratory data analysis techniques.
- Write reports and presentations that meet standards for both clarity and credibility, and contribute to the review of other reports and research methods.

Our consultants include geographers, mathematicians, economists, and business analysts. They are given specific training on quality assurance and project management. After demonstrating technical proficiency, we expect our consultants to manage projects, as well as grow the practice by bringing in new clients.

Preferred Qualifications

The successful applicant will likely possess or be working toward a master's degree, and/or have equivalent experience. Skills required for this position include:

- Skill with mathematical and statistical software. Matlab, Python, or R are preferred. Tableau and GIS software familiarity is beneficial. Ability to use standard office software is required.
- Understanding of sound research methods, including quantitative techniques in economics and statistics. Familiarity with decision models, valuation models, real options, machine learning and statistical techniques, and exploratory data analysis methods is preferred.
- Ability to select, retrieve, analyze, visualize, and document data.

About Anderson Economic Group

Anderson Economic Group (AEG) is a boutique consulting firm founded in 1996. A number of our reports have become benchmarks in their respective fields, including our analyses of the automotive market, our State Business Tax Burden analysis; pioneering work on high-tech clusters; award-winning research on business location decisions; critical assessment of tax incentives; successful involvement in tax reform involving sales, property, income, and business taxes; and national studies on the economic contribution of research universities. Our recent clients include McDonald's Corporation, the National Association of REALTORS,[®] the University of Chicago, the University of Michigan, Michigan State University, the Joyce Foundation, auto dealers and suppliers across the U.S., and the States of Kentucky, Tennessee, Michigan, Wisconsin, and New Jersey. Our consultants have received national awards for their work, and are regularly quoted in state and national news media.

Work Location and Compensation

The available position is at our office in East Lansing, Michigan. It requires occasional travel, including visits to our office in Chicago. Compensation includes a competitive salary, bonus, and a range of benefits including medical insurance and a retirement plan.

To Apply

Skilled candidates who adhere to our core values are encouraged to apply. Before applying, please review "Careers," "Public Policy," and "Publications" at AndersonEconomicGroup.com.

Applicants must include a cover letter describing both their interest in this specific position and their thoughts on one or more AEG projects or publications. Submissions should also include a resume listing relevant work and educational experience, along with a work sample. To apply, e-mail your application package to Tyler Marie Theile, vice president, at TTheile@AndersonEconomicGroup.com. Materials are due by April 21, 2023.

Anderson Economic Group is an equal opportunity employer, and welcomes qualified applicants from diverse backgrounds.