



The **Advanced Analytics Group** at **The Dow Chemical Company** is looking to add an Advanced Analytics Modeler to complement the team's existing skills in data preparation, data mining, mathematical modeling and model deployment. The Advanced Analytics group assists businesses and functions through the use of mathematics for decision support. Mathematical modeling is needed for decisions when risk, uncertainty and/or complexity are self-evident. This is a full time position. This position will be located in **Midland, MI**.

This individual will provide the technical expertise necessary to perform detailed mathematical analyses of various critical business problems. The purpose of these analyses is to build a specific mathematical model to address a particular problem creating a value opportunity for Dow. This individual should be able to lead projects effectively in an independent manner with minimal direct supervision, be highly self-motivated, a good communicator and be a team player sharing knowledge and solving problems with other advanced-degree individuals.

Specifically the candidate should be able to:

- Perform necessary pre-processing and harmonization of data to create a modeling data set utilizing the most effective methods available.
- Select the proper mathematical method(s) for the problem at hand.
- Select the proper technology to implement the method/problem at hand.
- Communicate effectively with business leaders to define problems and deliver results.
- Acquire working knowledge of tools and techniques for modeling applications. To accomplish this, specific training in operations research and data mining is required.
- Perform detailed data mining analysis for the purpose of opportunity identification/discovery or specific decision making.
- For decision support, deploy the model in a user-friendly environment and provide assessment of the quality of the model and tracking therein.
- Manage multiple projects and participate in a team environment by teaching and sharing experience as well as learning from other coworkers.

### **Requirements**

- Bachelor Degree is required. Masters preferred.
- Preferred field of study: Statistics, Mathematics, or other quantitative field.
- Prior training in basic concepts of data mining, predictive and prescriptive modeling. SAS tools is required.
- Background in languages like R and Python is desired.

A minimum requirement for this U.S. - based position is the ability to work legally in the United States on a permanent basis (U.S. citizen, U.S. Permanent Resident or qualifying Asylee / Refugee).

Note: Domestic relocation is not supported with this position.

To apply, please send a copy of your resume to [Paul Speaker](mailto:phspeaker@dow.com) (phspeaker@dow.com).

## About Dow

Dow (NYSE: DOW) combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from material, polymer, chemical and biological science to help address many of the world's most challenging problems, such as the need for fresh food, safer and more sustainable transportation, clean water, energy efficiency, more durable infrastructure, and increasing agricultural productivity. Dow's integrated, market-driven portfolio delivers a broad range of technology-based products and solutions to customers in 175 countries and in high-growth sectors such as packaging, infrastructure, transportation, consumer care, electronics, and agriculture. In 2016, Dow had annual sales of \$48 billion and employed approximately 56,000 people worldwide. The Company's more than 7,000 product families are manufactured at 189 sites in 34 countries across the globe. References to "Dow" or the "Company" mean The Dow Chemical Company and its consolidated subsidiaries unless otherwise expressly noted. More information about Dow can be found at [www.dow.com](http://www.dow.com).

Dow Offers:

- Competitive salaries and comprehensive benefits
- An annual variable pay program that rewards team and individual performance while sharing success across the company
- Employee stock ownership - and the commitment to long-term success that it brings
- On-going learning opportunities within a diverse, inclusive and rewarding work environment
- Career experiences that can span different Dow businesses and functions with opportunities for personal and professional growth
- The chance to work within a global company and interact with colleagues from around the world
- Opportunities that spark your imagination and ignite your passion to help others
- Dow is an Equal Employment Opportunity Employer

As part of our dedication to the diversity of our workforce, Dow is committed to Equal Employment Opportunity without regard for race, color, national origin, ethnicity, gender, protected veteran status, disability, sexual orientation, gender identity, or religion. We are also committed to providing reasonable accommodations for qualified individuals with disabilities and disabled veterans in our job application procedures. If you need assistance or an accommodation due to a disability, you may contact us at <http://www.dow.com/en-us/contact-us>, you may call us at 1+800-523-3945 and select Option 1, or send a facsimile request to 1+989-636-3674.