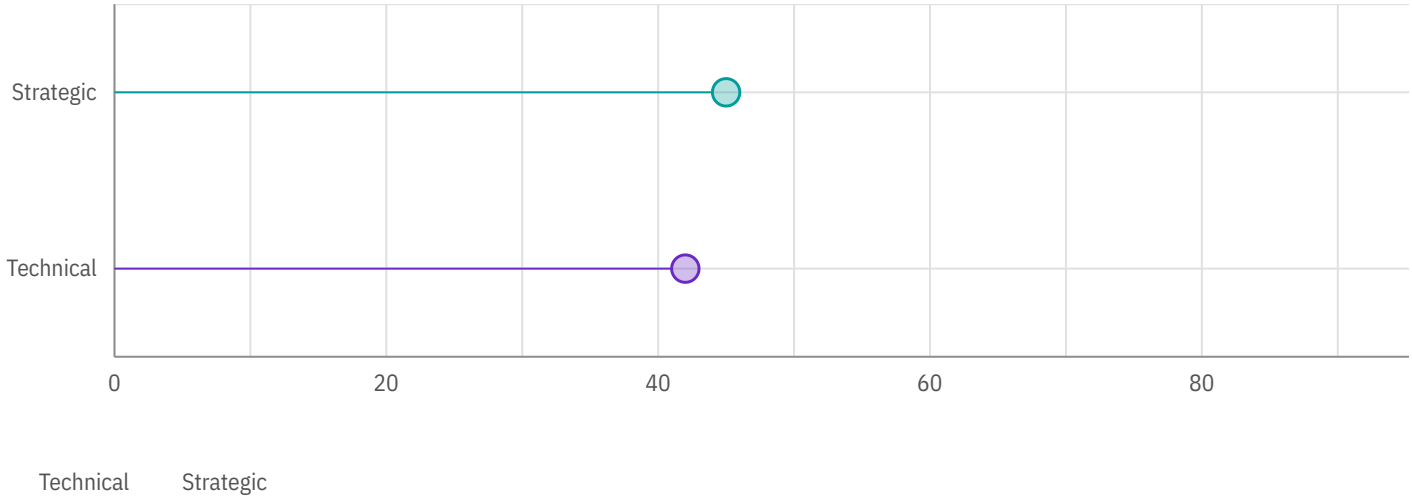
Data and AI readiness assessment

To learn more about your results and recommendations, download your custom report.

Your results

Summary by dimension type



Strategic dimensions

1: Data and AI vision

Your score is

70%

Your data and AI vision sets the course for your areas of focus. By thinking through the ways you use data today and starting to navigate where you'd like to leverage data in

2: Culture and leadership

Your score is

10%

Current state

Understanding the importance of data quality, leadership support, and strategic vision are critical to advancing your organization's capabilities to ultimately operationalize AI. Competing priorities and limited resources can make it difficult to achieve both investment and support. Socializing examples of success with leaders to help highlight the potential impact and return on investment can help drive the discussion.

Next steps

Check out some successful AI implementation stories here: Urban Institute and IBM help cities measure gentrification, incubator blog, and Watson stories.

3: People and skills

Your score is

60%

Current state

Having individuals with technical skills responsible for data in your organization, even if not full time, is an important step in shaping your data collection, governance, and AI strategy. Once basic coding skills are accessible in your organization (typically R, Python, SQL, etc.), you'll then be able to unlock resources that can quickly advance your organizations' capabilities.

Next steps

Opportunities like our AI Incubator are designed to work with teams to build AI proof of concepts for your organization at speed and scale.

Training suggestions:

technical members of your team to create AI solutions.

2. Through this book on Everyday Ethics for AI, highly recommended for stakeholders and decision makers, you will quickly become aware of the main pillars of Ethics for AI.
3. Overview of Natural Language Processing (NLP).
4. One of the less technical entry points to experimenting with automation and AI is the use of conversation agents, or chatbots. You can explore the basics of building chatbots here.
5. As you begin your data journey, you will quickly run into data governance questions. This provides a quick overview on getting started with best practices.
6. Design Ethically Toolkit provides a library of resources to integrate ethical design into your practice.
7. Guides and Resources aggregated by data.org from the broader data science for social impact community.

Technical dimensions

4: Data access

Your score is

50%

Current state

You're thinking broadly about the kind of data you use, and how you store it to scale your collection and analysis. You're well on your way to running advanced use cases, with the technical basis now in place.

Next steps

We recommend starting to put governance measures into action so that as your data and capabilities grow, safety and access to that data remains as controlled as it were in the initial set-up. See five best practices to get started with data governance.

5: Data uses

Your score is

Current state

Identifying and experimenting with new use cases can be both exciting and daunting, even when you have the data, the technical foundation, and the team in place. There are many opportunities for nonprofits to incubate new use cases, particularly for those looking to build skills and be mindful of ethics.

Next steps

The AI Incubator for Social Impact organizations at IBM can be a great place to start to expand the way in which your organization uses data today.

6: Tools and technology

Your score is

40%

Current state

Access across your organization is important, so considering a shared platform with appropriate user controls can be considered as you scale up.

Next steps

Make sure that you are evaluating free and reduced cost resources available to you as a nonprofit organization, such as a FREE trial of Cloud Pak for Data.

Training suggestions:

1. Get started experimenting with AI and train a chatbot.
2. Kickstart your career in data science and machine learning. Build data science skills, learn Python and SQL, analyze and visualize data, build machine learning models with the Data Science Professional Certificate on Coursera.
3. This course takes the learner through the creation of an end-to-end automated pipeline built by Watson Studio's AutoAI working with an auto-generated Python notebook. Learners will be provided with test data sets for two use cases. Machine Learning Rapid Prototyping on Coursera is intended for practicing Data Scientists. While it showcases the automated AI capabilities of IBM Watson Studio with AutoAI, the course does not explain Machine Learning or Data Science concepts.

Tools:

- Choosing explainable models is critical to empowering your broader organization in the use of data, leverage IBM open source toolkits on explainability to support your efforts.
- Develop sophisticated machine learning models using Notebooks and code-free tools to infuse AI throughout your organization with Watson Studio Lite Plan.
- Build and deliver visually stunning dashboards that accelerate your journey to a data driven organization using IBM Cognos Lite Plan for dashboarding.

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