



Inclusion, Diversity, Equity & Access in Ethical & Responsible AI

A Summary of the Resource Toolkit from the Insights Association IDEA Council

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Introduction

Artificial Intelligence (AI) is everywhere and GenerativeAI (GenAI) is as ubiquitous as a researcher in the insights and analytics industry. Because AI, in all its forms, will continue to change the way insights are produced, every researcher should be familiar with the basic tenets of AI and its impact on how we champion Inclusion, Diversity, Equity and Access in the world around us through research.

To support the awareness and importance of Responsible AI and help mitigate the effects of bias, the IDEA Council has prepared a toolkit including over 100 resources including articles, research papers and reports, podcasts & videos, organizations and other resources (i.e., tools and trackers) gathered to understand AI and its implications in insights and analytics in the context of Inclusion, Diversity, Equity, and Access. Themes related to market sizing and projections, fairness and discrimination, governance and regulation, responsibility and accountability, and talent and skilling can be found in this one-of-a-kind toolkit from the IDEA Council.

Taken together, the resources gathered highlight issues of bias and burnout by historically under-represented professionals in the AI field and sheds light on the importance of responsible AI development and the need for inclusion, diversity, equity, and access in the insights industry. The links in the Toolkit provide a comprehensive view of the current state and future considerations for AI and the challenges and opportunities associated with its development and adoption.

The content in the Toolkit has been curated for relevance in the context of inclusion, diversity, equity, and access and can be filtered based on the broad themes summarized below.

Sizing and Projections

The size of the AI market, and GenAI, specifically, is expected to grow significantly, and AI as a whole will experience substantial growth in the future. However, AI progress and its benefits could potentially stall for a variety of reasons. A main concern is that the industry is not moving fast enough to mitigate bias in AI algorithms.

Fairness and Discrimination

Fairness and discrimination are critical issues when it comes to the development and deployment of AI and GenAI in the field of insights and analytics. As AI systems become increasingly integrated into various aspects of our lives, it is essential to ensure that they do not perpetuate or amplify existing biases and inequalities. The resources included in this toolkit aim to address these concerns by

providing resources that shed light on the challenges and potential solutions related to fairness and discrimination in AI. These resources explore topics such as racial justice, gender and power dynamics, responsible language use, and the gender gap in AI.

Responsibility and Accountability

As AI systems become increasingly sophisticated and capable of autonomously generating insights, it becomes imperative to establish frameworks and guidelines that address the potential biases and risks associated with these technologies. The resources included in this toolkit aim to provide organizations and individuals with a cursory understanding of how to identify and mitigate bias in AI systems, as well as to manage the risks associated with their deployment.

Governance and Regulation

The establishment of guidelines and task forces, such as the Generative AI Task Force by the Department of Defense, demonstrates the recognition of the need for proactive governance. Organizations like UNESCO also contribute to this effort by providing recommendations and fostering multi-stakeholder collaboration in AI development. Additionally, legal cases, such as the defamation suit against OpenAI, highlight the challenges and complexities associated with AI technologies.

Talent and Skilling

In today's rapidly evolving digital landscape, the demand for talent with AI skills is growing exponentially. As organizations increasingly rely on AI and generative AI technologies to enhance their analytics capabilities, there is a pressing need to bridge the skills gap in this domain. The shortage of professionals equipped with the necessary expertise in AI and generative AI poses a significant challenge for businesses seeking to leverage these technologies effectively. To address this issue, it is crucial to provide comprehensive resources and training programs that empower individuals to acquire the skills required to navigate the complexities of AI and generative AI, specifically. By investing in talent development and skilling initiatives, organizations can unlock the full potential of these technologies and drive innovation in insights and analytics.

Organizations

In addition to publications and resources summarized above, the Toolkit includes a list of organizations solving for equity in AI. These organizations play a crucial role in promoting responsible AI practices and addressing the ethical challenges associated with AI technologies. They exist to ensure that AI is developed, deployed, and used in a manner that is fair, unbiased, transparent, and accountable.

Organizations like People of Color in Tech, Black in AI, Latinx in AI, Queer in AI, and Women in AI Ethics aim to create a more inclusive and equitable AI community. They provide support, resources, and networking opportunities for underrepresented groups, helping to amplify their voices and perspectives in AI development and decision-making processes. AI and ethics organizations, such as the Partnership on AI, Responsible AI, Montreal Ethics AI, and OECD AI, work towards establishing ethical guidelines, principles, and standards for AI. They engage in research, policy advocacy, and collaboration with industry, academia, and governments to ensure that AI technologies are developed and used in a manner that respects human rights, privacy, and societal values.

Additionally, organizations like the AI for Good Foundation, AI for Development, and the IEEE Autonomous Intelligence Systems Initiative focus on leveraging AI for social good and sustainable development. They promote the use of AI to address global challenges, such as poverty, healthcare, education, and climate change, while ensuring that the benefits of AI are accessible to all. These

organizations are essential in fostering a responsible AI ecosystem. They bring together diverse perspectives, expertise, and stakeholders to address the ethical, social, and economic implications of AI. By promoting responsible AI practices, they help to build trust, mitigate biases, and ensure that AI technologies are developed and used in a manner that benefits humanity as a whole.

AI Tools

The prevalence of tools to help address the ethical and fairness concerns associated with AI systems continue to grow, but there's room for more. AI systems have the potential to perpetuate biases and discrimination if not developed and deployed responsibly. Insights professionals must critically evaluate these tools as they are becoming a big part of the work we do to gathering, analyze, and summarize data to generate insights and make informed decisions. However, without proper use and understanding of how bias is inherently baked into GenAI tools, they may unknowingly contribute to biased or unfair outcomes. It is our responsibility to identify and mitigate bias by applying and collaborating on standards and sharing our knowledge broadly within the industry and among our partners and clients.

Conclusion

It is our duty to limit negative societal impacts that result in irresponsible use of AI and GenAI and work together to build trust in AI technologies and promoting their ethical and fair across all domains. The relevance of AI technologies as a whole to insights and analytics professionals is significant as it presents new opportunities and challenges in data analysis and decision-making processes.

We encourage you to engage with [these materials](#) in order to gain a deeper understanding of the ethical implications of AI technologies and work towards developing more inclusive and equitable AI systems with which to engage with as insights and analytics professionals for ourselves and for our clients.

Tchicaya Ellis Robertson, Ph.D.

Chair, IDEA Council; Founder & CEO, TRIBE Insights

*Summary written with the support of GenAI tools such as WriteGPT, ChatGPT4.