

Winner's announcement

Information included in this section may be shared publicly with challenge results. If you are on a team, please complete the first two questions for each member of the team.

1. Please provide your preferred information for use in announcing the winners of the competition:
 - a. Name (first and last name or first name and last initial): **Korin Reid**
 - b. Hometown: **Chicago, IL**
 - c. A recent picture of yourself or digital avatar (feel free to attach separately):
 - d. Social handle or URL (optional): **twitter: @korinreid**
2. Who are you (mini-bio) and what do you do professionally? **Dr. Reid serves as CEO of Ellison Laboratories, a company that leverages AI to address healthcare's greatest challenges: data silos, chronic disease, health disparities, and administrative waste.**
3. What motivated you to compete in this challenge? **I'm really interested in data driven means to address ADRD, particularly given it's disproportionate impact on the African American population. Plus, Joy Toliver, who headed up the NIA startup accelerator let me know about the opportunity, and if Joy tells you to do something, you should do it.**
4. High level summary of your dataset: the data source, target, predictors, sample size and use for early, inclusive prediction of AD/ADRD. **I've built several models to predict ADRD using electronic health record data and claim data. This is useful because you can find large representative datasets. However, through working with my mentor, Dr. Darryl Carter, I've realized the importance of doing this work including biologically based biomarkers. The misdiagnosis rate in the African American population is high, so we really need to integrate biologically based biomarkers in our modelling to really make headway and understand what's going on. However, research datasets such as ADNI that provide these biologically based biomarkers (genomics data, MRI, PET, CSF, blood-based biomarkers) have a really poor representation of the African American population. Thus, my idea was that we focus on communities with high African American populations (such as Atlanta, which I love. I was born there. It's a beautiful and thriving chocolate city) and work with faith leaders, African-American physicians and researchers, and other community leaders to forge a path toward data collection to enhance existing efforts such as ADNI. We also want to create a means of developing cross EHR longitudinal patient records as well so that we can have both diverse research data and administrative data (EHR/claims) to foster a robust and diverse modeling effort.**
5. What are two or three unique strengths of this dataset or type of data for early, inclusive prediction of AD/ADRD? **In the words of Issa Rae "I'm rooting for everyone black". I think the idea of collecting datasets focused on the African American community is near and dear to my heart. We are underrepresented in datasets yet we are**

overrepresented in terms of diagnosis and misdiagnosis. We need an effort focused on us, and I think I'm well-positioned to push that forward.

6. Did you use any tools or resources for developing your submission (e.g., to find a dataset, or explore the contents of a public dataset)?
7. Were there any data types or sources that you explored but didn't fit for this challenge?
8. How would you improve or enrich this dataset if you had access to a big research team and an unlimited budget? **If I had a big research team and an unlimited budget, we would focus on data collection in chocolate cities across the US. Atlanta, Detroit, DC. Places I love. I think having a rich dataset of African American patients (both research data and administrative data such as EHR and claim) will unlock so many opportunities for data driven solutions.**