* **Why** was this app made?
  + Type II Diabetes (T2D) is one of the most prevalent health conditions in industrialized nations. In America alone, #### in #### people suffer with T2D and is projected to reach #### by ####. T2D increases the risk for cardiovascular disease by 2-4 times, which is by far the leading cause of death in industrialized nations. The overall goal of this app is empower users of all kinds to better understand the various factors underlying risk for T2D in many diverse communities across America.
  + This app is ultimately meant to be used by anyone who has an interest in exploring T2D risk factors across a wide range of communities. Some specific use cases could include (but are by no means limited to):
    - Public health researchers
    - City planners
    - Hospital systems
    - Community health advocates and activists
    - Residents who are interested in learning about their own communities.
* **What** can this app do?
  + This app makes use of the large amount of publicly available data and analyzes it using state-of-art AI/machine learning algorithms.
  + Through this approach, it can:
    1. Visualize communities at high risk for T2D.
    2. Identify the risk factors that are most likely driving T2D in each specific community (i.e. provide a community-specific “risk profile”).
    3. Offer a list of recommendations and resources that our algorithm predicts are most likely to have an impact on the health of that community. Each set of recommendations is specifically tailored to each community based on their risk profile.
* **Where** does this data come from?
  + CityHealth Dashboard (<https://www.cityhealthdashboard.com>)
  + IPUMS (<https://ipums.org>)
    - Health Surveys (<https://healthsurveys.ipums.org>)
    - NHGIS (<https://www.nhgis.org>)
  + Google Maps
* **Who** are you?
  + Matt is a magical unicorn that prances across the skies of the New York City skyline. Is that a rainbow-colored sunset? No, it’s Matt.
  + Also, he lives in Chinatown, New York City.
    - LinkedIn (<https://www.linkedin.com/in/engmatthew>)
    - Twitter (<https://twitter.com/m3ngineer>)
    - GitHub (<https://github.com/m3ngineer>)
  + Brian is a bioinformatician currently at the Mount Sinai. His research revolves around neuroscience, genomics, human evolution, machine learning, and more!
  + Also, he lives in Harlem, New York City.
    - LinkedIn (<https://www.linkedin.com/in/brian-schilder>)
    - Twitter (<https://twitter.com/BMSchilder>)
    - GitHub (<https://github.com/bschilder>)
* **How** exactly do you predict diabetes risk?

**Sources**

* [https://www.ncbi.nlm.nih.gov/books/NBK513253](https://www.ncbi.nlm.nih.gov/books/NBK513253/)