JPMorgan Chase – Best Use of Data Against Hunger

RESOURCES

Texas is the second most food-insecure state in the U.S. with over 4.25 million people—including nearly 1.6 million children—without reliable to access to enough food for an active, healthy lifestyle. Additionally, up to 40% of the food in the U.S. is never eaten. We need your help to tackle hunger in Texas and make the food system more efficient and less wasteful.

CHALLENGE

Think about how open source data sets can be used to help combat hunger in Texas. **How can you leverage data** to incentivize citizens, universities, businesses, or government to **reduce, redistribute, or repurpose** food waste? You can use **ANY** technology platform or tech stack of your choice, **but to win the prize you must use publically available data in some way.** Be creative!

PRIZE

Bose SoundLink Wireless Headphones and Raspberry Pi 3 Ultimate Starter Kits for each member of the winning team

See reverse side of this flyer for judging criteria and some suggested open source resources

* As you pursue this challenge, please review the terms and conditions of the third-party selected platform, data sets or API and ensure that your solution adheres to their terms and conditions, including any attribution requirements.

JPMorgan Chase & Co.

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RESOURCES

Below are some open source datasets and resources to help you get started. You are welcome to use any open source food data for this challenge and not just the ones listed below.

Resource	Description	Website
Feeding America Map the Meal Gap Project	State and community-level data on overall and child food insecurity estimates, average meal costs, and food budget shortfalls.	map.feedingamerica.org
Map the Meal Gap: Overall Food Insecurity in Texas by County in 2016	Statistics on overall food insecurity broken down by county in Texas.	bit.ly/2Nz4qe8
USDA Food Access Research Atlas	Maps of food access indicators for low-income and other census tracts using different measures of supermarket accessibility. Create maps, compare food access, download census data on food access measures.	bit.ly/2hhhKJW
US Census Food Security Data	Data on publicly available national surveys and data on food access.	bit.ly/2Okw4kg
USDA Food Environment Atlas	Maps on food environment factors-such as store/restaurant proximity, food prices, food, and nutrition, assistance programs, and community characteristics.	ers.usda.gov/foodatlas
Data.gov Agriculture Data	Catalogue of public US government food and agriculture-related datasets.	bit.ly/2eZvpAJ
Supermarket Access Map Source Data	Public data used to generate supermarket access heat maps.	bit.ly/2REehlU
Farmers Market Directory API	The USDA National Farmers Market Directory provides the public with self-reported information on U.S. farmers markets. This includes the locations, travel directions, operating times, product offerings, and accepted payment methods for the listed farmers markets.	bit.ly/2OFiNPO

JUDGING CRITERIA

Best Use of Data Against Hunger projects will be judged on the following criteria:

- **Impact**: How well does the solution address the challenge or problem?

- **Innovation & Creativity**: How creative is the solution? Does it bring new ideas and approaches to solving the problem?

- **Completeness of Solution**: Is the solution finished? Does it work? If not, is there a roadmap for future enhancements?

- **Sustainability:** Is the solution sustainable within the context of the community it's aiming to impact?

- **Design:** Is the solution well thought out and designed?