

NHANES: 50+ Years of Health Data

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Issue: Minorities have faced many challenges related to physical and mental health. But has the progression of our society helped, or has it exacerbated these issues?

Dataset: Since 1971, the National Health and Nutrition Examination Survey has acted as a census for the physical and mental health of americans. Numerous features from millions of individuals are stored in the CDC's NHANES repository, waiting to be processed.

Focus: Use HPC to process massive amounts of health data in parallel batch jobs, to see how physical health has changed over the years. Team members have the freedom to decide which features/scopes are focused on.

Tech: Python, CloudyCluster, GCP, bash, ???

