

# DATA CLASSIFICATION



## SUPER-H HELPS COMPANIES GET AHEAD OF COMPETITION WITH BOOST FROM OSC

Super-H, a data-analytics firm founded by Ohio State physics professor Richard Hughes in 2015, helps companies strike a competitive advantage in their industries by providing Big Data solutions and fast, accurate answers to strategic questions.

"Our product is a website that organizes data related to research being done in different areas," said Hareesh Menon, software developer at Super-H. "We organize and provide it to clients in a way they can use to understand the areas they can focus on, or what their competitors are doing."

The company has used OSC's Oakley Cluster for processes such as MySQL hosting, raw data processing, and data classification.

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— Hareesh Menon, software developer at Super-H

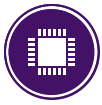
## VIRTUAL DESIGNS. REAL BENEFITS.

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Super-H has a prototype of its web-based customized research platform and plans to expand the product to gain clients.



INFORMATION  
TECHNOLOGY



## THE CHALLENGE

When Richard Hughes, Ph.D., set off to found his own data-analytics company, he stuck with what he knew: proprietary algorithms, machine learning and using the Ohio Supercomputer Center's high performance computational resources. In 2015, Hughes used these resources when he founded Super-H.

## THE APPROACH

Super-H has used OSC's Oakley Cluster for MySQL hosting, raw data processing and data classification. For one project, Super-H is collecting research institution data from PubMed. The institution names could be entered into the PubMed database in multiple ways, so Super-H developers run the program to find every iteration of each institution and group them together as one.

## THE SOLUTION

OSC's Oakley Cluster gives Super-H the supercomputing power it needs to deliver small, up-and-coming businesses the Big Data solutions they wouldn't otherwise have. Its web-based customized research platform will soon be used to gain more clients and will gain more features in the near future.