About HCCI

The Health Care Cost Institute (HCCI) is an independent, non-profit research institute located in Washington, D.C. with a mission to produce and promote research and analyses on the causes of rising U.S. health spending. HCCI maintains a national, multi-payer, longitudinal dataset covering 55 million lives containing data on the private health insurance market in addition to 134 million Medicare and Medicaid beneficiaries, altogether representing over half of the U.S. population. Researchers and policymakers use HCCI’s data to study the health care system, evaluate existing and new policies, and assess health care quality. HCCI’s own multi-disciplinary team of researchers produces reports of import to major stakeholders in health care in an academic but fast-paced, small start-up environment. HCCI partners on projects with multiple leading academic institutions around the U.S., collaborates with media organizations such as The New York Times, Vox, The Washington Post, NBC, and KHN, and provides insights and recommendations to national and state legislators. For further information, please visit our website at www.healthcostinstitute.org.

Exciting Opportunity to Use the Best Data to Assess and Address Health Care’s Most Pressing Challenges

We are looking for a database developer and architect to join our dynamic team to advance HCCI’s mission. This position is ideal for candidates with some experience working with health care data who are seeking opportunities to also conduct high-profile analyses and research in addition to their core database development and maintenance activities.

The Database Developer will

- Provide development and administration support for databases in an Azure Cloud environment and a Vertica on-prem data warehouse
- Develop and maintain ETL and SQL scripts; supervise and develop engineering artifacts documenting system design; design and maintain database tables, views, stored procedures, and functions
- Build and analyze claims datasets to support research projects
- Co-author HCCI issue briefs, blogs, interactive tools, and external publications
- Support HCCI’s organizational operational activities as needed (e.g. help write funding proposals, liaise with contractors, etc.)

In our candidates, we look for

- Demonstrated ability to evaluate and recommend data storage and architecture solutions to optimize the organization’s analytics needs
- Strong SQL programming skills demonstrated by work experience using SQL as a central part of job responsibilities
• Aptitude using statistical analytic software, such as STATA or SAS, demonstrated by work experience using those programs
• Quantitative background in economics, statistics, computer science, public health or other quantitative field
• Demonstrated experience organizing and analyzing administrative health care claims data including Medicare, Medicaid, or commercial claims data a plus
• Familiarity with machine learning platforms and tools including Databricks, Apache Spark, and Python a plus
• Ability to communicate clearly, verbally and in writing, especially about quantitative findings for non-quantitative audiences
• Excellent organizational and time management skills
• Proactive and entrepreneurial spirit and a desire to work in an exciting and demanding environment

You will be joining a hybrid team that works remotely as well as spending time in HCCI’s headquarters in Washington, D.C.

The annual salary for this position ranges from $85,000 to $95,000. HCCI also provides competitive salaries and benefits to full-time employees including a 403B retirement scheme with immediate vesting of a 10% employer contribution, health insurance, gym reimbursement, and other benefits.

Proof of COVID-19 vaccination is required for employment at HCCI.

To apply, please send a resume and cover letter with “Database Developer” in the subject line to careers@healthcostinstitute.org.

In the cover letter, please explain your experience with coding and claims data in detail.

For more information on HCCI, please visit www.healthcostinstitute.org.