# ­Home - Global Partners LP

# **Data Engineer, Central Data & Analytics Org**

# **Take Home Assessment**

**Prompt:**

Global Partners efforts to be a good neighbor began more than 75 years ago, with our efforts to be a good neighbor began delivering heating oil – door to door – in the neighborhoods around Greater Boston. These local efforts continue through our active giving program, which enhances good work in communities across the country.

Today, Global owns, controls, or has access to one of the largest terminal networks in New England and New York.  We source and transport petroleum products and renewable fuels through our vertically integrated, [**adaptive distribution**](https://www.globalp.com/about/global-at-a-glance/) network across the U.S. and Canada. In addition, we are a leading wholesale distributor of petroleum products in New England and New York. Through our network, approximately 1M automobile tanks are filled per day. Customers stop at one of our gasoline stations to fill their tanks, recharge with a fresh cup of coffee, or grab a snack.

Global Partners is navigating through a transformative era in the energy and retail sectors, accelerated by evolving market demands and technological advancements. As a cornerstone of our strategy, the Central Data & Analytics Org (CDAO) is at the forefront of reshaping how we leverage data to drive decisions, drive a product-led mindset, optimize operations, and innovate within our business models. The advent of new data technologies and the shift towards a data-driven culture present both challenges and opportunities for Global Partners.

In the wake of these exciting opportunities, we are seeking an Data Engineer to spearhead initiatives, take an active role in owning our data pipelines, and build out a suite of data products to support the future of Data & Analytics at Global Partners. Your role will involve close collaboration with our data science, data engineering, advanced analytics, and business units to develop analytics solutions and data products that enhance our operational efficiency, customer experience, and market position.

The following take home will ask you some questions that are reflective of the type of work you’d perform as the Data Engineer for Global Partners’ CDAO. There is no “right answer” here – we are much more concerned with the clarity of your thought process, analysis, business presentation, and qualitative thoughts on next steps. Imagine your audience will range from non-technical stakeholders all the way to a Global Partners data engineer or data scientist.

**Please prepare a comprehensive presentation (slides as a .pdf) for the README.md prompt within the attached zipfile. This presentation should be designed to be consumed by a technical and non-technical audience, and share any code or diagrams used for your response. Please use open source software (SQL, Python, Docker) as opposed to Tableau files.**