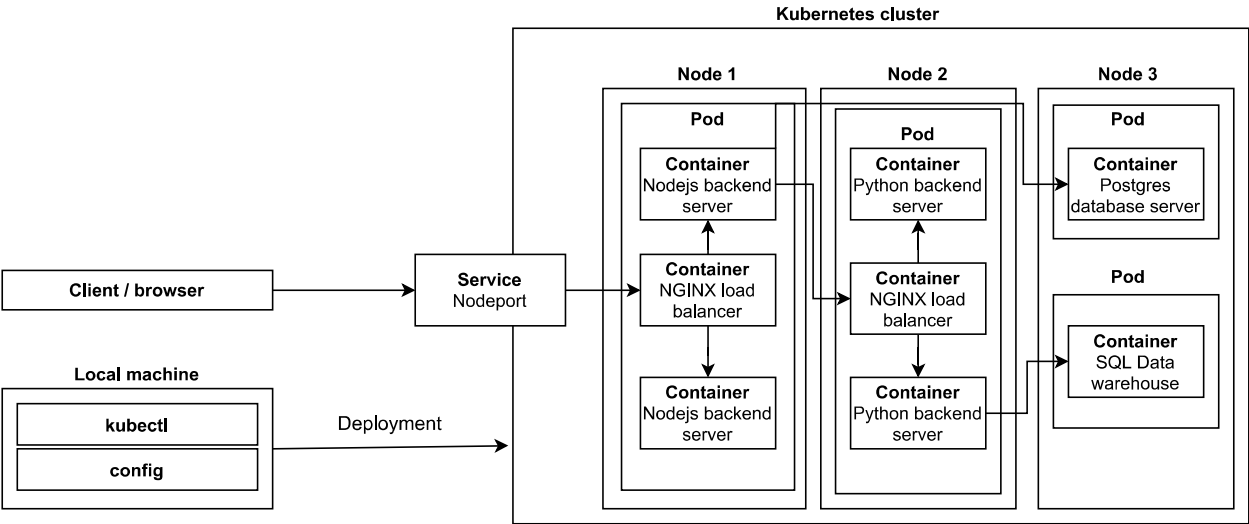


Kubernetes diagram

This application gives nutrition information to the user about different foods. Application also makes analytics about eating and consumption habits based on users inputs.



HTTP request from client: Browser sends the http request to the Nodeport service, which routes the request to the backend server. In the backend server, nginx handles the load balancing for the requests. After that the backend makes a query to the database and returns the nutrition values of the product. Nodejs backend also sends the customer information to the Python backend where nginx handles the load balancing. After making some calculations and analytics, the Python backend server saves the results to SQL Data Warehouse.