

Sheetz Service Station Amenity Database

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For our project, we will be constructing a database that contains information about every Sheetz Service Station in the state of Pennsylvania and what amenities each station has to offer to its customers. Our team consists of Kirsten Luzik, Laura Flyte, Aaron Marks, and Sal Burgio. We are going to design and build a data model that shows the geographic location of each individual service station, what type of gas is available for purchase (e.g. regular, premium, diesel, etc.), if the station contains an air pump for car tires, if food and drinks are available for purchase, if the station contains a car wash, the address of each station, and the phone number of each station. We will organize our database by the following categories: Kerosene, Diesel, Propane, E85, Drive-Thru, Car Wash, and Inside Seating. We will also find what major highways are closest to these locations as well as how far in proximity from the highways the locations are (in miles).

This database would be useful because it would allow people to find out where the stations are located and what they have to offer. Ideally, people will be able to figure out what station is located closest to them and approximately how long it will take them to get there. It would be able to be accessed by the public as well as individual companies who sell their products through Sheetz. Sheetz can also use this database to help keep track of their stations as well as to decide where to build new service stations.

We will use Microsoft Access to create this informational database. We will import the data using the appropriate methods taught in and outside of class. Using SQL queries we will be able to navigate through our acquired information in an organized and simple way to help solve the problems and questions of everyday sheetz customers and suppliers. We will also incorporate a link to Google maps for specific driving directions adding to the major highways.