# Amazon Product Data Analysis

## Overview

One of the retailers wants to study the market in USA though Amazon product information. The company needs to gather product data provided by Amazon API and conduct some analysis.

## Major work and expected outcomes

* Research and study Amazon Web Service and Product Advertising API.
* Design proper data models and databases to store the data, based on client needs.
* Extract and load data to a database.
* Analyze client needs and produce queries and reports.

## Type of project (estimation)

* Research and analysis 30%
* Implementation 40%
* Development 30%

## Skills/knowledge involved

* Database design
* Data query and analysis
* Web services and APIs

## Recommended team size

1 team of 4 to 5 students

## Project owner/sponsor

* Steve Gu, private owner, mpasteven@gmail.com, 404.536.3196

## Reference

* <https://affiliate-program.amazon.com/gp/advertising/api/detail/main.html>