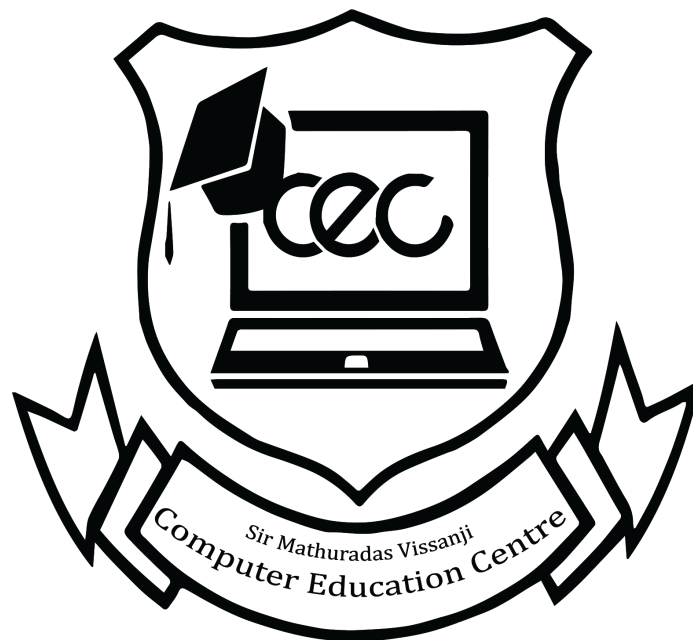


# Treye - Amazon Price Tracker



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### Objective / Aim

This project aims to keep track of the current price of multiple products on amazon at the same time. It is very difficult for someone to keep



track of multiple products at the same time but using this python project, it is possible.

## Goals

1. To keep track of multiple amazon products at the same time.
2. Make the user comfortable and easily understandable.

## Requirements

- I. Any operating system(No special hardware requirements)
- II. All required modules
- III. Python 3.7.\*
- IV. Internet connection
- V. An Amazon Product Advertising account
- VI. An AWS(Amazon web service) account

## Specifications

Treye is an Amazon Price Tracker which lets you buy products on Amazon wisely. Treye can monitor millions of products.

Moreover, the real-time tracker alerts you timely, when the product prices drop. On the other hand, this helps you decide when to buy the product and when to skip shopping.

Treye-watchdog lets you create Amazon product price watches and get alerts via email and Notification Toasts when prices drop.

## Packages used

### I. [Bottlenose \(pip install bottlenose\)](#)

Bottlenose is a thin Python wrapper over the Amazon Product Advertising API.

There is practically no overhead, and no magic (unless you add it yourself).

### II. [lxml\(pip install lxml\)](#)

lxml is a Pythonic, mature binding for the libxml2 and libxslt libraries. It provides safe and convenient access to these libraries using the ElementTree API.

It extends the ElementTree API significantly to offer support for XPath, RelaxNG, XML Schema, XSLT, C14N and much more.


### III. [Dateutil \(pip install python-dateutil\)](#)

The dateutil module provides powerful extensions to the standard datetime module, available in Python.

### IV. [Python-amazon-simple-product-api \(pip install python-amazon-simple-product-api\)](#)

A simple Python wrapper for the Amazon Product Advertising API. (All regions) ['US', 'FR', 'CN', 'UK', 'IN', 'CA', 'DE', 'JP', 'IT', 'ES']

### V. [Win10toast \(pip install win10toast\)](#)



An easy-to-use Python library for displaying Windows 10 Toast Notifications which is useful for Windows GUI development.

### **Remark**

- I. This project can reduce most of the tough work of tracking multiple products.
- II. Easy to use
- III. Time and effort saving
- IV. This method can also be used in android app Development

### **Future Work**

- I. Social media notification alert
- II. Price flowchart
- III. Wishlist support
- IV. Graph based price update on a daily basis.