

Process Chart

Step 1- Download the dataset from website.

The screenshot shows a data website interface. On the left, there is a calendar view for August and September 2018. Each date cell contains 'Actual Temp' and 'Hist. Avg.' values. On the right, a sidebar titled 'Production and Sales 2009-2015' displays file statistics: Granularity: NA, File Size: 350 bytes, Download: 21, Reference URL: NA, Visual Access: NA, Data API, and Note: NA. Below this, an 'EXPORT IN:' section offers options for XML, JSON, JSONP, XLS, and ODS, with a 'Download: 21' button.



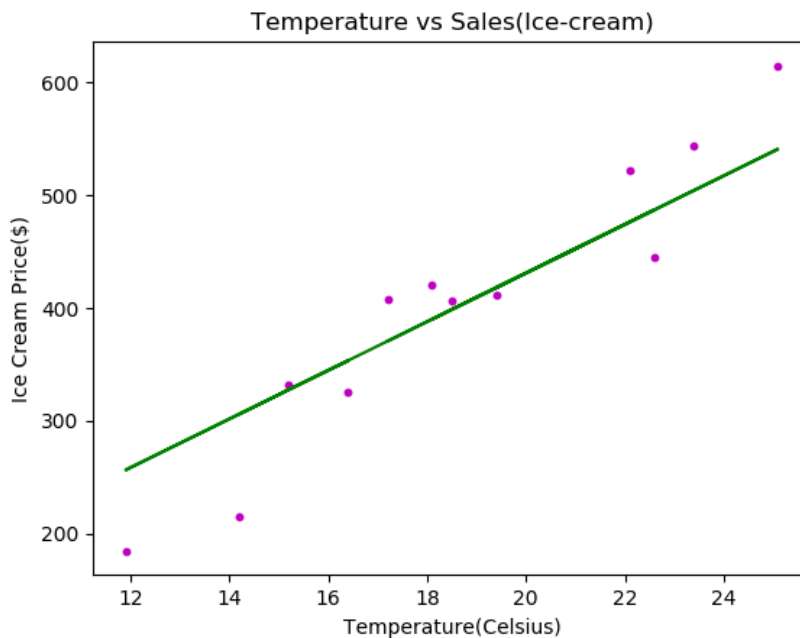
Step-2 Analyze the entire data set.

Temperature °	Ice Cream Sales
14.2°	\$215
16.4°	\$325
11.9°	\$185
15.2°	\$332
18.5°	\$406
22.1°	\$522
19.4°	\$412
25.1°	\$614
23.4°	\$544
18.1°	\$421
22.6°	\$445
17.2°	\$408

Step-3 Estimate the coefficients.

```
(base) D:\Adroit\Ecommerce>python randome2.py
Estimated coefficients:
b_0 = 0.6154578572703144
b_1 = 21.515459641734743
```

Step-4 Trace the correlation between Temperature and Sale in Ice cream. .



Flow Chart

ADROIT ■

Make IT Different

Sales Forecast Predictive Analytics Illustration

Step 1- Download the dataset from the Web Site.



Step-2 Analyze the data carefully.



Step-3 Perform the prediction algorithms using Python.



Step-4 Trace the correlation between the elements.