  
  
**PRICE HISTORY**  
if < 95% of 3 - year average 1  
If 95 to 105% of 3 - year average 2  
If 91 to 95% of 3- year average 3  
If 86 to 90% of 3-year Average 4  
if 81 to 85% - year Average 5

**STEPS**  
1. Average 12 quarters of data including most recent quarter

2. Follow the formula above to assign values to boxes

3. Where there is a 1, 1 of the five boxes is filled. Where there is a 5, Five boxes are filled.

**INTRINIO TAGS**“close\_ price”Yes  
  
For historical Data  
[**https://docs.intrinio.com/documentation/web\_api/get\_historical\_data\_v2**](https://docs.intrinio.com/documentation/web_api/get_historical_data_v2)

**​**ζ = 1.2A + 1.4B + 3.3C + 0.6D + 1.0E

Where:

* Zeta (ζ) is the Altman’s Z-score
* A is the Net Working Capital/Total Assets
* B is the Retained Earnings/Total Assets
* C is the Earnings Before Interest and Tax/Total Assets
* D is the Market Value of Equity/Total Liabilities
* E is the Total Sales/Total Assets

**INTRINIO TAGS**   
  
**ALTMAN Z**   
  
(yes = Intrinio has the tag)   
  
A Net working capital = yes total assets = yes

B Retained Earnings = yes total assets = yes

C EBIT = yes total assets = yes

D MVOE = Market capitalization = yes total liabilities = yes

E Total sales = total revenue = yes total assets = yes   
  
  
**REVENUE** = yes

**EBIT** = yes

**DEBT TO EQUITY** = yes **CURRENT RATIO** = yes  
  
**FREE CASHFLOW** = yes