

Intermediate Assessment Coding Test Guidelines

- Link for coding test from analytics Vidhya:

<https://datahack.analyticsvidhya.com/contest/practice-problem-big-mart-sales-iii/>

- Login using your google id.

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Big Mart Sales Prediction

Online 26-05-2016 12:01 AM to 31-12-2024 11:59 PM

48953 Registered Practice Problem Prizes

ENDS IN 655 12 49
DAYS HOURS MIN

REGISTER

- Click on the register button to register in the competition.

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About Leaderboard Discuss

- Click on the problem statement tab and understand it.

The screenshot shows the 'Big Mart Sales Prediction' problem page. At the top, it indicates the problem is 'Online' and available from '26-05-2016 12:01 AM to 31-12-2024 11:59 PM'. It shows '48953' registered participants and 'Prizes' for a 'Practice Problem'. A countdown timer shows '655 12 45' days, hours, and minutes remaining. A 'Registered' button is visible. The navigation tabs include 'About', 'Problem Statement' (which is circled in red), 'Solution Checker', 'My Submissions', 'Leaderboard', and 'Discuss'. Below the tabs, there is a quote by John Keats: 'Nothing ever becomes real till it is experienced. -John Keats'. A paragraph explains the challenge: 'While we don't know the context in which John Keats mentioned this, we are sure about its implication in data science. While you would have enjoyed and gained exposure to real world problems in this challenge, here is another opportunity to get your hand dirty with this practice problem powered by Analytics Vidhya.' On the right side, there are buttons for 'Join Slack Live Chat', 'Challenge A Friend', and social media links for Facebook, Twitter, and LinkedIn.

- Scroll down and you can find the train file, test file and sample submission file. Download all the three.

Data

[Test File](#) [Train File](#) [Sample Submissions](#)

- Train file is for training the model and for model evaluation and test file is only for making predictions. Test file will not be having the output column.
- You must do pre-processing separately on the train and test dataset. Do not combine them.
- Do the following steps
 - o Exploratory Data Analysis
 - o Pre-processing
 - o Modelling
 - o Fine tuning
 - o **Do not remove rows from dataset**

- Once you get the best model, upload the sample submission file to python.
- Replace the target column with the prediction values you get using the test dataset for your best model.
- Save this new dataset as a csv file (search for the code in internet)
- Upload this dataset in the Solution Checker in Analytics Vidhya and also add a description and click on add solution.
- You can upload multiple csv files created using different models to Analytics Vidhya and check if your score is improving.
- Once you get the best score, go to the My Submissions tab and take a screenshot of it.
- Also upload your code to GitHub.
- Submit the GitHub link and screenshot of best score in Paatshala

