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| E-Commerce Data Set | | | |
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| Context An international e-commerce company based wants to discover key insights from their customer database. They want to use some of the most advanced machine learning techniques to study their customers. The company sells electronic products. Content The dataset used for model building contained 10999 observations of 12 variables. The data contains the following information:   * ID: ID Number of Customers. * Warehouse block: The Company have big Warehouse which is divided in to block such as A,B,C,D,E. * Mode of shipment: The Company Ships the products in multiple way such as Ship, Flight and Road. * Customer care calls: The number of calls made from enquiry for enquiry of the shipment. * Customer rating: The company has rated from every customer. 1 is the lowest (Worst), 5 is the highest (Best). * Cost of the product: Cost of the Product in US Dollars. * Prior purchases: The Number of Prior Purchase. * Product importance: The company has categorized the product in the various parameter such as low, medium, high. * Gender: Male and Female. * Discount offered: Discount offered on that specific product. * Weight in gr**a**ms: It is the weight in grams. * Reached on time: It is the target variable, where 1 Indicates that the product has NOT reached on time and 0 indicates it has reached on time.  Outcome Expected This data of Product Shipment Tracking, answer instantly to your questions:   * What was Customer Rating? And was the product delivered on time? * Is Customer query is being answered if product importance is high, having highest customer rating or being delivered on time? * Make different machine learning models (you have to decide which machine learning models would be the best fit for this dataset) and compare their results. * Properly give comments and inferences about the project in your Jupyter Notebook file. * Submit a zip file to the academics mail id having one PPT and Jupyter Notebook file(.ipynb file)   *Note : In the PPT you will include all the important findings, inferences, models selection techniques and their performance results with your name, dataset name and batch id.* | | |
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