Data Description - SLE Homework 8

This document describes the features of the two datasets you will build models for on Homework 8. Specifically, you can infer if the feature is numerical or categorical for data preprocessing as it pertains to the classification task.

<u>Backorders Data</u>

- sku - Random ID for the product
- national_inv - Current inventory level for the part
- lead_time - Transit time for product (if available)
- in_transit_qty - Amount of product in transit from source
- forecast_3_month - Forecast sales for the next 3 months
- forecast_6_month - Forecast sales for the next 6 months
- forecast_9_month - Forecast sales for the next 9 months
- sales_1_month - Sales quantity for the prior 1 month time period
- sales_3_month - Sales quantity for the prior 3 month time period
- sales_6_month - Sales quantity for the prior 6 month time period
- sales_9_month - Sales quantity for the prior 9 month time period
- min_bank - Minimum recommended amount to stock
- potential_issue - Source issue for part identified
- pieces_past_due - Parts overdue from source
- perf_6_month_avg - Source performance for prior 6 month period
- perf_12_month_avg - Source performance for prior 12 month period
- local_bo_qty - Amount of stock orders overdue
- deck_risk - Part risk flag
- oe_constraint - Part risk flag
- ppap_risk - Part risk flag
- stop_auto_buy - Part risk flag
- rev_stop - Part risk flag
- **went_on_backorder - Product actually went on backorder (This is the target value)**

Hepatitis Data

- Age - 10, 20, 30, 40, 50, 60, 70, 80
- Sex - male, female
- Steroid - no, yes
- Antivirals - no, yes
- Fatigue - no, yes
- Malaise - no, yes
- Anorexia - no, yes
- Liver Big - no, yes
- Liver Firm: no, yes
- Spleen Palpable: no, yes
- Spiders: no, yes
- Ascites: no, yes
- Varices: no, yes
- Bilirubin: 0.39, 0.80, 1.20, 2.00, 3.00, 4.00
- Alk Phosphate: 33, 80, 120, 160, 200, 250
- SGOT: 13, 100, 200, 300, 400, 500,
- Albumin: 2.1, 3.0, 3.8, 4.5, 5.0, 6.0
- Protime: 10, 20, 30, 40, 50, 60, 70, 80, 90
- Histology: no, yes
- **Class - Die, Live (This is the target value)**

Reference : https://archive.ics.uci.edu/ml/index.php