

# Learning From Data 112-2 Documentary

CHIH-TSE LIU

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## **Abstract**

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# Packages and Functions Specified

## Packages

```
# for error normality test (MLR.6)
library(nortest)

# for homoskedasticity test (MLR.5)
# library(alr3)

# for box-cox transformation (MLR.5, MLR.6)
library(MASS)

# for data frame manipulation
library(dplyr)

# for EDA
library(ggplot2)

# for GLS
library(nlme)

# for model selection
# library(ALSM)
library(leaps)
library(olsrr)

# for heatmaps and graphs
library(pheatmap)
library(PerformanceAnalytics)

# for large data sets manipulation
library(data.table)

# for graphing
library(lattice)
library(RColorBrewer)
library(stringr)

#
library(corrplot)
```