## Introduction

Wednesday, August 25, 2021 6:02 PM

- Overview

" Orall approach to understading data 5 Ursupervised

Sopervised

X - Inputs ? (Lihear?)

X - Takent/Ladet

Y - Outputs ? System

Structure

1 \* Tokey

· History

- Gauss: OCS -> Linear Regression

- Liver Discount Analysis (LOO) -> 1930s 6 Class Arch

- Cograde Regnosom -> 19405

- Genalend Char Models (GCM) -> 1970s

Cher ragistre oothers

- Neural Notworks -> 1980s

65 Low / Non - Khan

- Support Vector Machan -> 19905 9 Non-Liver Chariften

~ 2000 + -> Deep Carrier & Learn Vederits - CON /RNN

Theres

- Stadistral Cearnly is mon retent to gaplal areas begand traditud stats/ml.

- SC should not be used for black-box medeling,

- Statistal Cearny loss not your leap mothers!

- SC has to be applied to sal wall problems to order to be applied.

· Notation - Dota de a observations, p demarties

\* Data France

J. 132 ... Jr. P

\* Heterogenow Types!

& Madrix

1/ R11 /2/2 --- R10

