

Python, SQL

→ Data Science

- { ① Python > SQL ← Basic → Advanced
- ② Statistics ← Calculus, derivatives.
- ③ Machine Learning
- ④ Deep Learning → CV, NLP.

fetch data from a

1 week

derivatives  
Matrix

Hardwork, Patience -

# ① Statistics

↓  
Descriptive / Inferential

Population

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⑤ Hypothesis Testing.  
z-stat, t-stat, Chi-Square  
ANOVA.

⑥ A/B testing

⑦ CLT  $\Rightarrow$  Central Limit  
Theorem.

EDA = Exploratory Data Analysis

↳ Data Manipulation  
Pandas, Numpy →  
Matplotlib, Seaborn.  
↳ Visualization

Machine Learning

① Linear Regression, logistic Reg.

↳ (AWS) GCP, Heroku.  
→ (Azure.)

DT

KANN

(Covid) →

100 - DS.

Do → succeed

Automated ML →

Pythn. → (SVM, DT)

(Linear Reg) =  $y = mx + c$

2 lines.  
↓

→ 20.1.

80 ✓

# Blood Report - Diabetes

Serial no	Name	Age	Blood group	BS.
1	X	X	X	C
2	X	X	X	C
3	X	X	X	C

2024-2025  
Data Science 

Power plant (Thermal)

↓  
Multiple Machinery

10 - Machine

 2MX7

24X7

Phone -



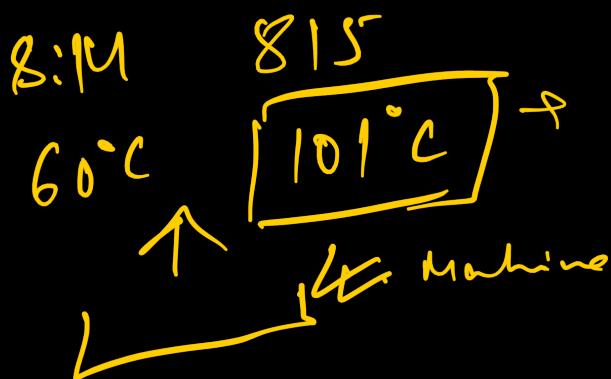
work force.

Temp. →

120

oil.

Temp. →



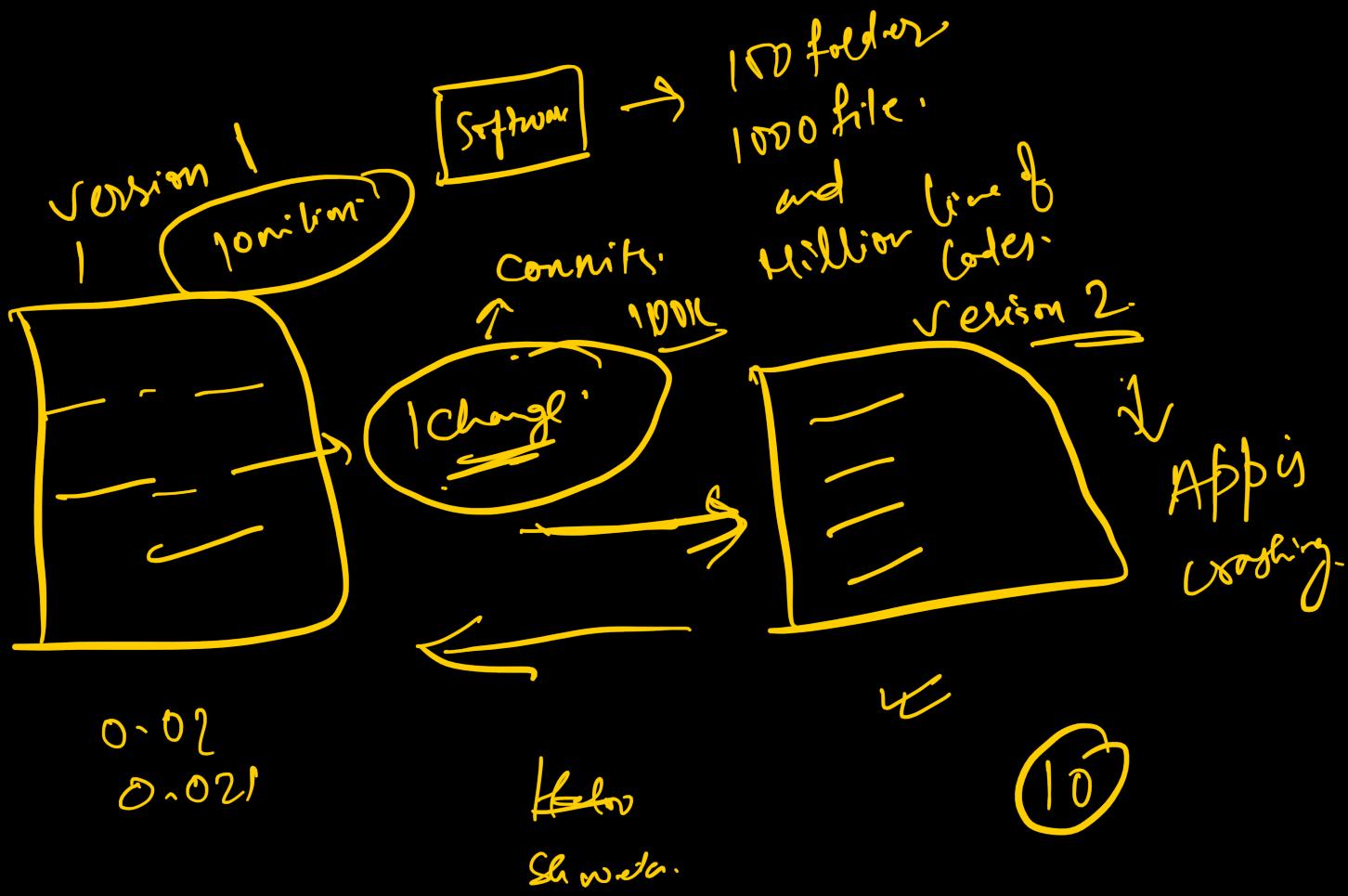
10-15  
Sensors.

Proximity

Gyroscope

VR

368°



data Science  
folders.



