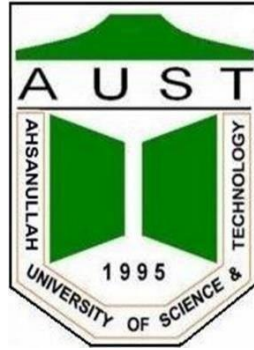# Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

Program: Bachelor of Science in Computer Science and Engineering

Course No: CSE 4108

Course Title: Artificial Intelligence Lab

Project Name: Laptop Price Prediction.

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Submitted to:

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Documentation of The Dataset

Our dataset contains 240 instances of laptop features data. It contains attributes like:

- Brand Name
- Name of Processor
- Generation of the Processor
- Amount of RAM
- Amount of Storage
- Type of Storage (SSD/HDD)
- Size of Display (inches)
- Type of Display
- Warrenty (in years)
- Price (BDT)

We have collected dataset from the following sources:

- https://www.startech.com.bd/
- https://www.ryanscomputers.com/

Following is a snapshot from our dataset:

	Brand	Processor	Processor_Gene	RAM	Storage (GB)	Storage_Type	Graphics	Display_Size	Display_Type	Warranty	Price
1	Brand	Processor	Processor_Gene	RAM	Storage (GB)	Storage_Type	Graphics	Display_Size	Display_Type	Warranty	Price
2	HP	Intel Core i7	11th (Intel)	16	1024	SSD	Nvidia RTX 3070 Graphic	14	FHD LED	3	203980
3	Dell	Intel Core i3	11th (Intel)	4	1024	HDD	Intel UHD Graphics	15.6	FHD LED	3	51540
4	Acer	Intel Core i7	11th (Intel)	16	1024	SSD	Nvidia RTX 3060 Graphic	15.6	FHD OLED Display	2	201810
5	Asus	Intel Core i3	11th (Intel)	8	512	SSD	Intel UHD Graphics	15.6	FHD LED	2	69440
6	Laptop	Intel Celeron Dual Cc	CDC N4020	4	256	SSD	Intel UHD Graphics 600	15.6	FHD LED	2	43940
7	Apple	Apple M1 Chip	Apple M1 Chip	16	256	SSD	Apple 7-core GPU	13.3	Liquid Retina XDR D	1	172520
8	Asus	AMD Ryzen 5	Ryzen 5 5500U	16	512	SSD	AMD Radeon Graphics	14	2K IPS LED Display	2	137800
9	Asus	Intel Core i3	11th (Intel)	8	512	SSD	Intel UHD Graphics	15.6	FHD OLED Display	2	78120
10	HP	AMD Ryzen 7	Ryzen 7 5700U	8	512	SSD	AMD Radeon Graphics	15.6	FHD LED	1	85170
11	Microsoft	Intel Core i5	11th (Intel)	16	256	SSD	Intel Iris Xe Graphics	14.4	PixelSense Flow Mu	1	185540
12	Lenovo	Intel Core i5	11th (Intel)	8	512	SSD	Intel Iris Xe Graphics	15.6	FHD LED	2	78120
13	Lenovo	Intel Celeron Dual Cc	CDC N4020	4	1024	HDD	Intel UHD Graphics 600	15.6	HD LED	2	38520
14	Lenovo	Intel Core i5	11th (Intel)	16	512	SSD	Nvidia MX350 Graphics	16	2K IPS LED Display	3	131290
15	Dell	Intel Core i5	11th (Intel)	8	1024	HDD	Intel Iris Xe Graphics	14	FHD LED	3	79750
16	HP	Intel Core i7	12th (Intel)	8	512	SSD	Intel Iris Xe Graphics	15.6	FHD LED	3	99820
17	Asus	Intel Core i5	11th (Intel)	4	1024	HDD	Intel Iris Xe Graphics	15.6	FHD LED	2	72700
18	Asus	Intel Core i7	11th (Intel)	8	512	SSD	Nvidia MX350 Graphics	15.6	FHD LED	2	112840
19	HP	Intel Core i3	11th (Intel)	4	1024	HDD	Intel UHD Graphics	15.6	FHD LED	2	59680
20	Asus	Intel Core i5	11th (Intel)	8	512	SSD	Nvidia MX350 Graphics	15.6	FHD LED	2	97110
21	Apple	Apple M1 Chip	Apple M1 Chip	16	512	SSD	Apple 8-core GPU	13.3	HD LED	1	189880
22	Lenovo	Intel Core i3	11th (Intel)	8	256	SSD	Intel UHD Graphics	14	FHD OLED Display	2	78660
23	Asus	Intel Core i7	11th (Intel)	16	512	SSD	Nvidia MX350 Graphics	14	FHD LED	2	119350

Fig.: Dataset Sample