



## **Data Collection and Preprocessing Phase**

Date	15 March 2024						
Team ID	740139						
Project Title	Acoustic Fire Extinguishing Prediction						
Maximum Marks	6 Marks						

## **Data Exploration and Preprocessing Template**

Identifies data sources, assesses quality issues like missing values and duplicates, and implements resolution plans to ensure accurate and reliable analysis.

Section	Description									
	Dimensions: 602rows*9columns Descriptive statictics:									
	갈	count	SIZE 17442.000000	FUEL 17442.000000	DISTANCE 17442.000000	DESIBEL 17442.000000	AIRFLOW 17442.000000	FREQUENCY 17442.000000	STATUS 17442.000000	
		mean	3.411765	1.411765	100.000000	96.379142	6.975634	31.611111	0.497821	
		std	1.750977	1.191120	54.773826	8.164096	4.736169	20.939149	0.500010	
		min	1.000000	0.000000	10.000000	72.000000	0.000000	1.000000	0.000000	
		25%	2.000000	0.000000	50.000000	90.000000	3.200000	14.000000	0.000000	
		50%	3.000000	1.000000	100.000000	95.000000	5.800000	27.500000	0.000000	
		75%	5.000000	3.000000	150.000000	104.000000	11.200000	47.000000	1.000000	
		max	7.000000	3.000000	190.000000	113.000000	17.000000	75.000000	1.000000	























