## es. Train data

		00. 110	ann aac	·u	
1	Α	В	C	D	E
1	TIME,P1,P2	2,P3,P4,P5,	,P6,P7		
2	0.0,2.0,2.0	,2.0,2.0,2.0	0,2.0,2.0		
3	0.0009999	999999999	,2.0,2.0,2.	0,2.0,2.0,2.	0,2.0
4	0.0019999	999999999	,2.0,2.0,2.	0,2.0,2.0,2.	0,2.0
5	0.0029999	99999999	,2.0,2.0,2.	0,2.0,2.0,2.	0,2.0
6	0.004,2.0,	2.0,2.0,2.0,	2.0,2.0,2.0		
7	0.005,2.0,	2.0,2.0,2.0,	2.0,2.0,2.0		
8	0.006.2.0.	2.0.2.0.2.0.	2.0.2.0.2.0		

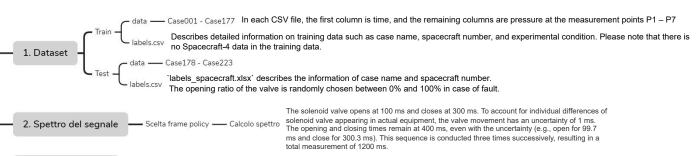
9 0.007,2.0,2.0,2.0,2.0,2.0,2.0,2.0

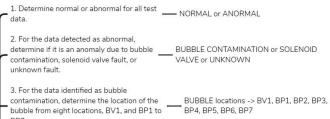
## train labels es. (Spacecrafts 1 or 2 or 3)

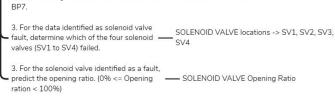
Case#	Spacecraft#	Condition	Solenoid valves Opening Ratio /%			Bubble								
			SV1	SV2	SV3	SV4	BP1	BP2	BP3	BP4	BP5	BP6	BP7	BV1
1	1	Normal	100	100	100	100	No							
2	1	Normal	100	100	100	100	No							
3	1	Normal	100	100	100	100	No							
4	1	Normal	100	100	100	100	No							
5	1	Normal	100	100	100	100	No							

## es. test labels (Spacecrafts 1 or 4)

198	1
199	1
200	1
201	4
202	4
203	4







In the practical operation, completely unforeseen and unknown anomalies or faults may occur. It is also required to distinguish unknown

anomalies without confusing them with known anomalies and faults. Some unknown anomalies or faults are mixed in the test data. Identifying 5. Risolvere Anomaly Detection them is also part of the task in this competition.

7. Testing del modulo di Diagnosi — Dataset di 'testing'

3. Feature Selection — Selezione feature da utilizzare

4. Classificatori 'a cascata'

6. Scelta Regressore finale

8. Prestazioni e metriche — Valutazione modello

**DIAGNOSI DI GUASTI** 

Presented with xmind

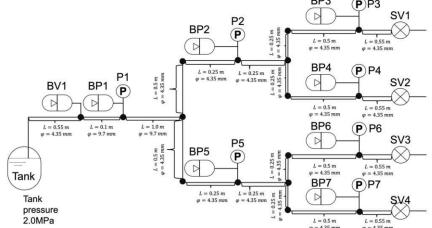


Fig. 1 Schematic of experimental propulsion system.

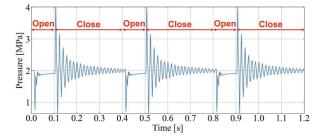


Fig. 2 Typical pressure profile.