Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)] Type "copyright", "credits" or "license" for more information.

IPython 8.2.0 -- An enhanced Interactive Python.

In [1]:	'D:/ML_	LAB_K	AUSHIK/	untit	led0	. ру '		= 'D:	/ML_LA	AB_KAU	SHIK
	Product ID) Air te	empera	ture [K]	. То	orque	[Nm]	Too	ol wea	ar [mi	n]
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2	L47182	1		298.	1			49.4	Ļ			5
3	L47183	}		298.	2			39.5	5			7
4	L47184			298.				40.6				9
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9995	M24855			298.				29.5				14
9996	H39416			298.				31.8				17
9997	M24857	,		299.				33.4				22
9998	H39412			299.				48.5				25
9999	M24859			299.		•		40.2				30
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		duct ID		Air te	mperat			• • •	HDF	PWF	OSF	RNF
0	1	M14860	М			29	98.1		0	0	0	0
1	2	L47181	L			29	98.2		0	0	0	0
2	3	L47182	L			29	98.1		0	0	0	0
3	4	L47183	L			29	98.2		0	0	0	0
4	5	L47184	L			29	98.2		0	0	0	0
	• • •											
9995	9996	M24855	М			29	98.8		0	0	0	0
9996	9997	H39410	Н			29	98.9		0	0	0	0
9997	9998	M24857	М				99.0		0	0	0	0
9998	9999	H39412	Н				99.0		0	0	0	0
9999	10000	M24859	М				99.0		0	0	0	0
								• • •	·	•	Ū	·
Γ1000	0 rows x 1	4 column	ıs 1									
_		Air temp		re [K]		Tord	que [Nm 1	Tool	wear	[min]	
0	2	<u>.</u> . cemp		.00000	• • •		3.000	_	.001		0.0	
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[5 rows x 6 columns]												

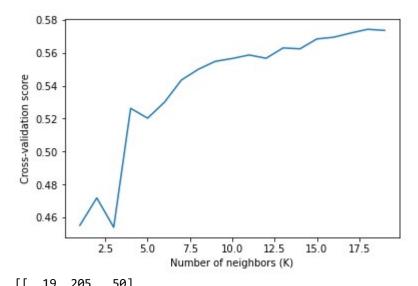
[5 rows x 6 columns]

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10000 entries, 0 to 9999
Data columns (total 6 columns):

#	Column	Non-Null Count	Dtype
0	Product ID	10000 non-null	int64
1	Air temperature [K]	10000 non-null	float64
2	Process temperature [K]	10000 non-null	float64
3	Rotational speed [rpm]	10000 non-null	float64
4	Torque [Nm]	10000 non-null	float64
5	Tool wear [min]	10000 non-null	float64

dtypes: float64(5), int64(1) memory usage: 468.9 KB
None

Accuracy: 0.5036



[19 205 [123 1116 [57 538	268] 124]]			
-	precision	recall	f1-score	support
0	0.10	0.07	0.08	274
1	0.60	0.74	0.66	1507
2	0.28	0.17	0.21	719
accuracy			0.50	2500
macro avg	0.33	0.33	0.32	2500
weighted avg	0.45	0.50	0.47	2500

In [2]: