

Analyse Machines

Capteurs &amp; Risques

Maintenance

Type de machine

All

Machine

All

Date

All

## Vue Exécutive

Taux de panne

**16.7%**

Nombre de pannes

**3560**

Coût de risque attendu (€)

**152K**

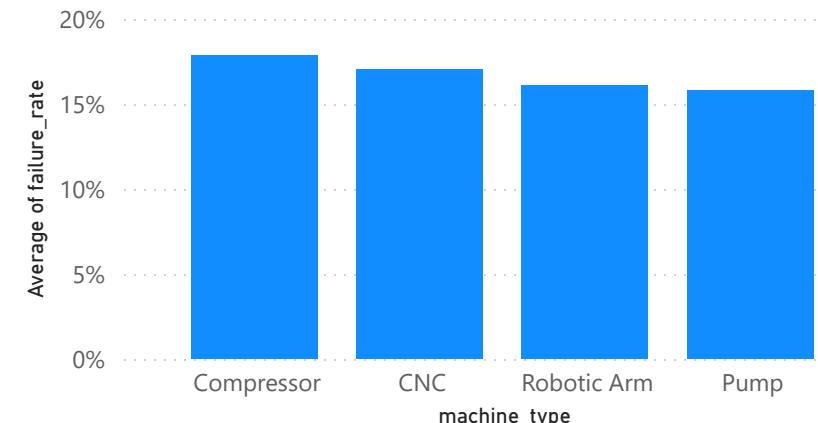
RUL moyen (heures)

**28.4**

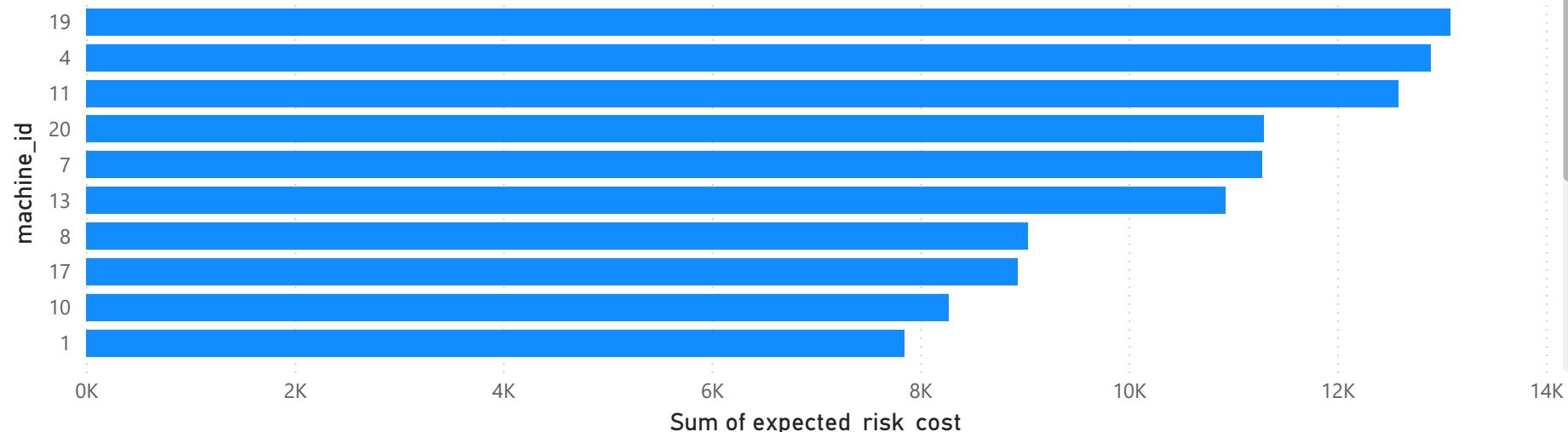
Evolution du taux de panne



Taux de panne par type de machine



Top 10 Machines Critiques (Coût de risque)



# Analyse machine

Type de machine

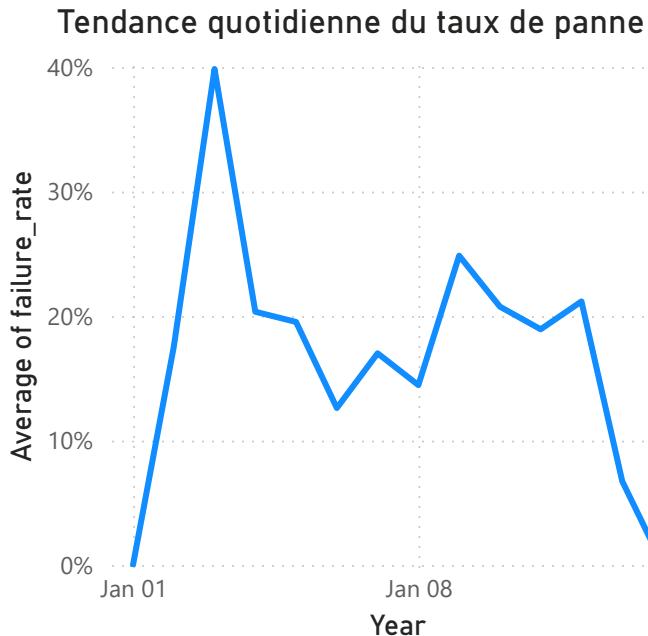
All

Machine

All

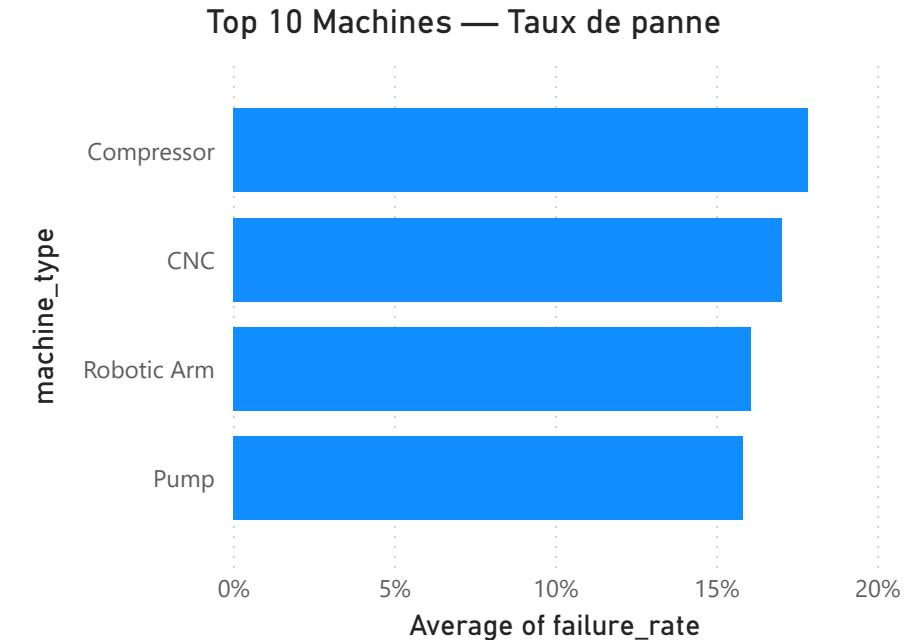
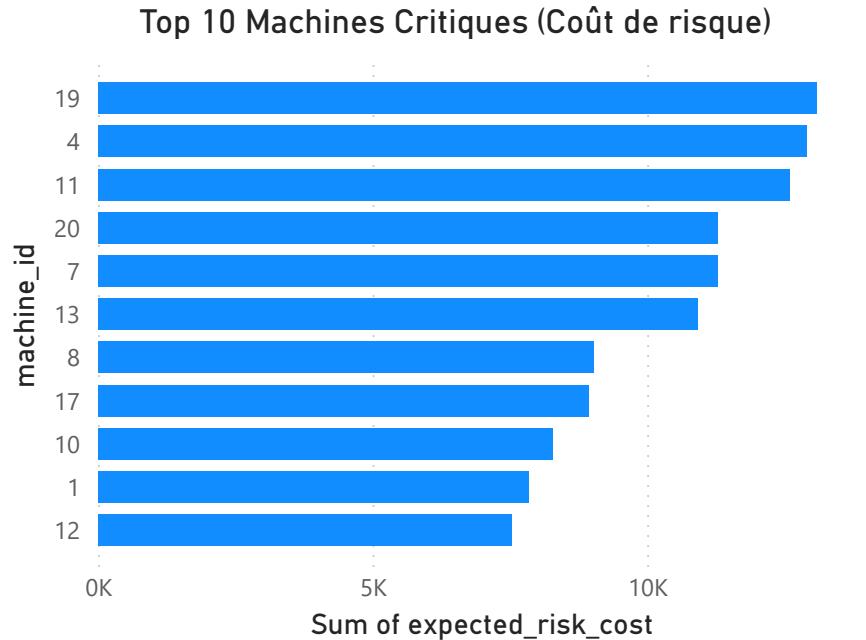
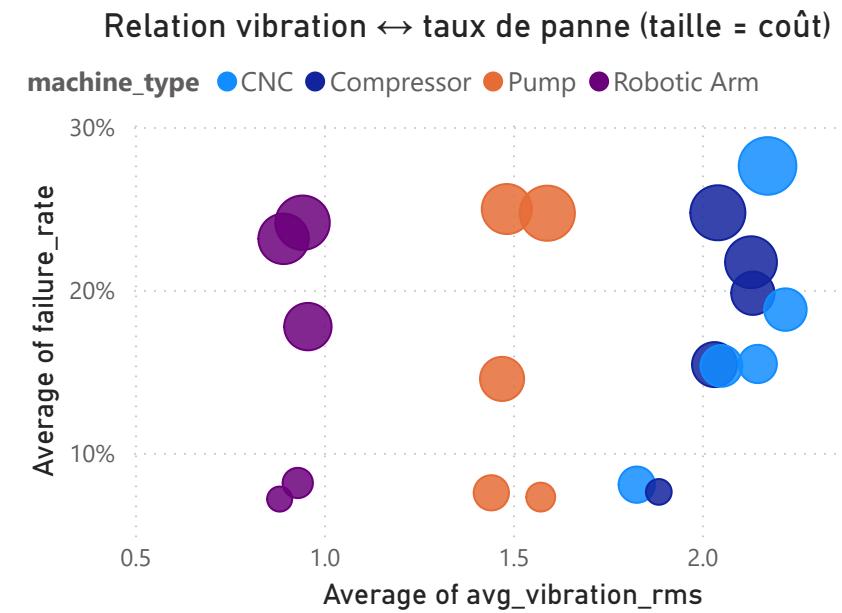
Date

All



Classement machines (risque + coût + RUL)

machine_id	machine_type	Failure_rate	Avg_rul_hours	min_rul_hours
19	Robotic Arm	24.1%	39	290
4	CNC	27.6%	36	324
11	Compressor	21.7%	33	302
20	Robotic Arm	23.1%	27	219
7	Pump	24.7%	36	237
13	Compressor	24.7%	33	257
8	Pump	14.5%	18	113
17	Robotic Arm	17.7%	20	175
10	Pump	25.0%	36	243
1	CNC	18.8%	23	215
12	Compressor	15.4%	37	252
<b>Total</b>		<b>16.7%</b>	<b>28</b>	<b>4626</b>



# Capteurs & Risques

CVHub

Type de machine

All

Machine

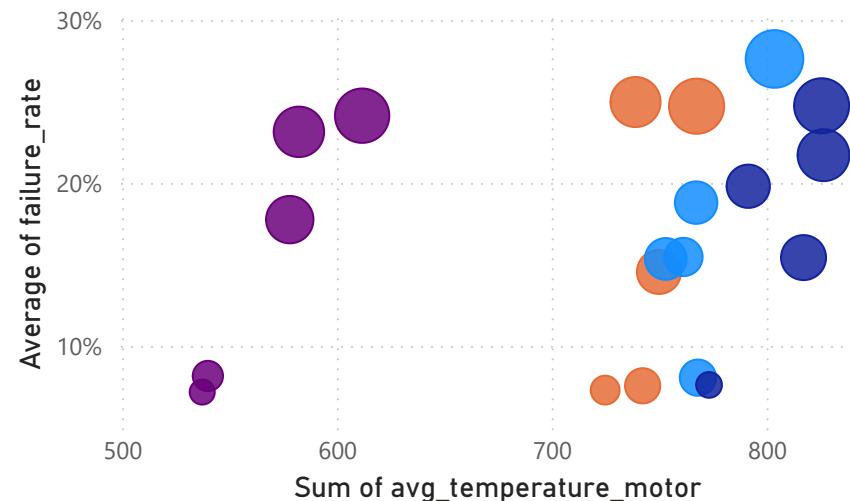
All

Date

All

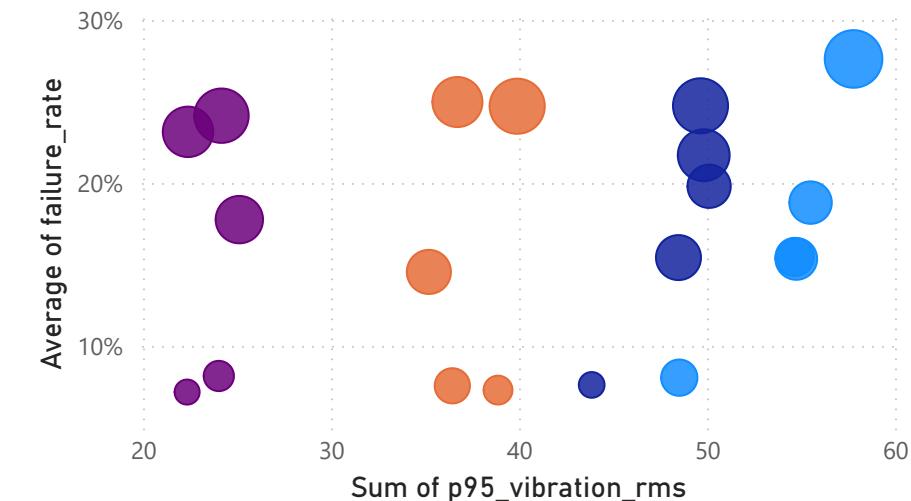
Température ↔ Risque de panne (taille = coût)

machine\_type ● CNC ● Compressor ● Pump ● Robotic Arm

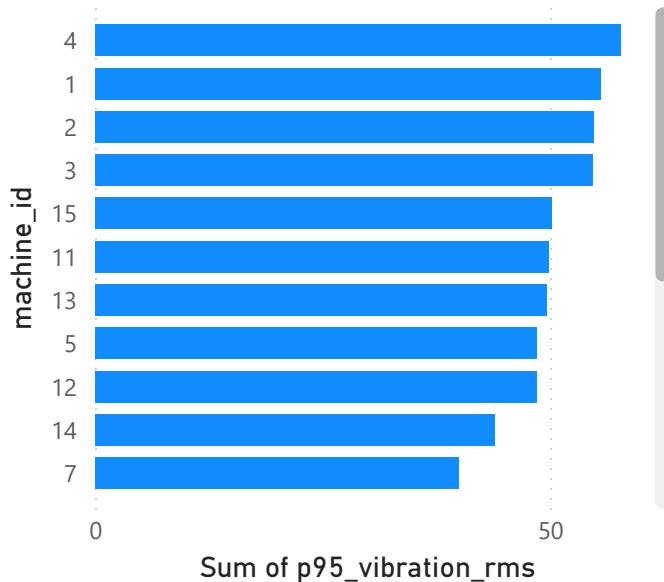


Vibration P95 ↔ Risque de panne

machine\_type ● CNC ● Compressor ● Pump ● Robotic Arm



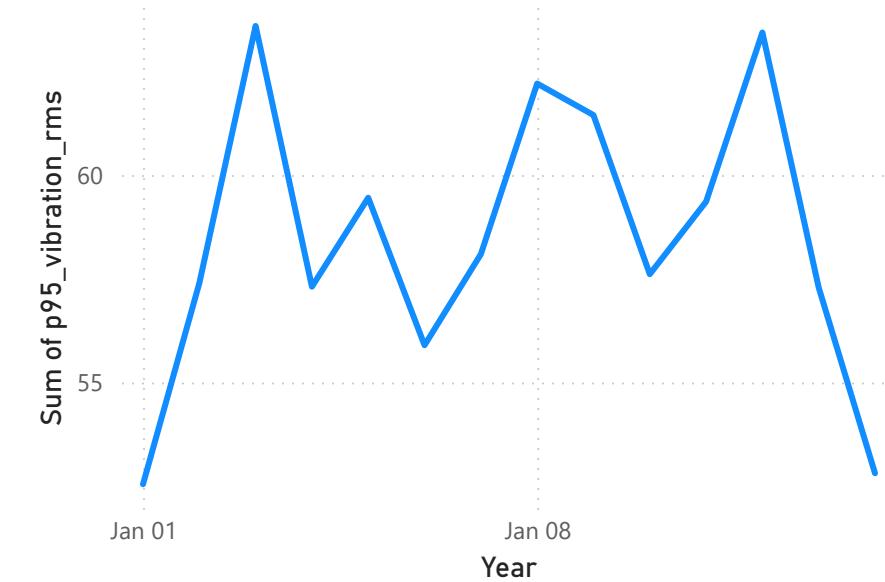
Top 10 machines — vibration P95



Température P95 — tendance



Vibration P95 — tendance



# Maintenance

CVHub

Type de machine

All

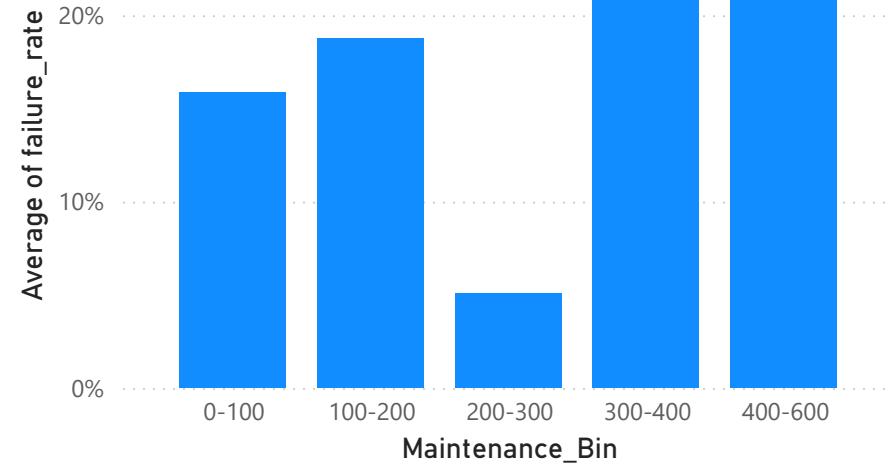
Machine

All

Date

All

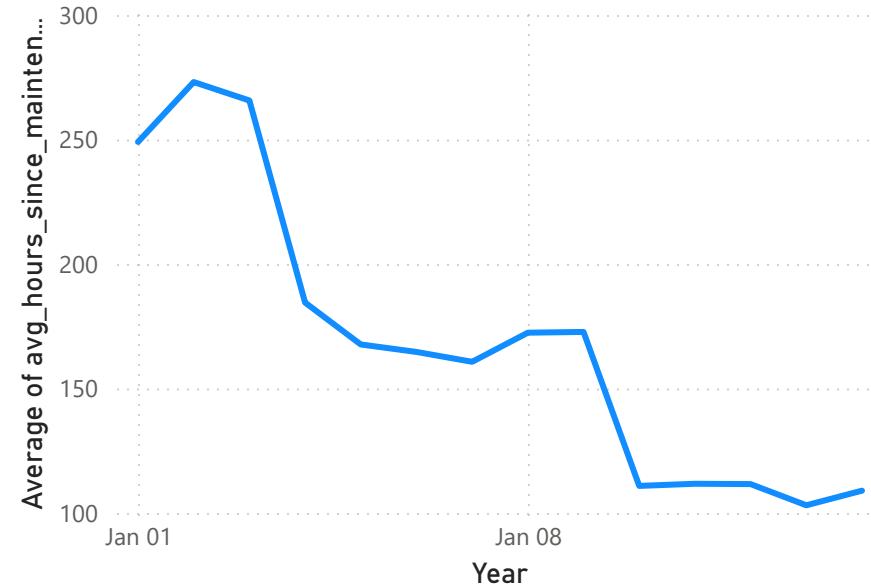
Risque de panne selon heures depuis maintenance



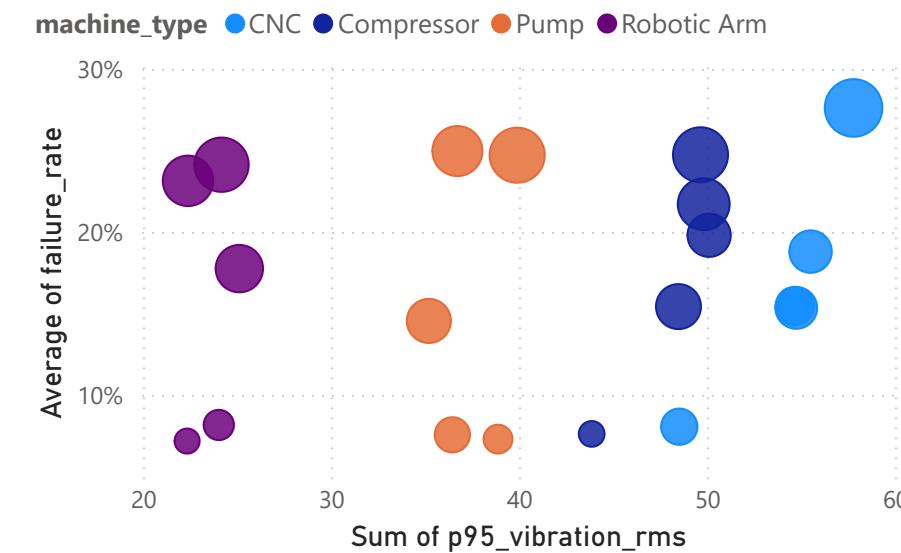
## Top 10 priorités maintenance

	machine_type	Average of failure_rate
1	CNC	18.8%
10	Pump	25.0%
11	Compressor	21.7%
12	Compressor	15.4%
13	Compressor	24.7%
14	Compressor	7.6%
15	Compressor	19.8%
16	Robotic Arm	7.2%
17	Robotic Arm	17.7%
18	Robotic Arm	8.2%
19	Robotic Arm	24.1%
2	CNC	15.3%
<b>Total</b>		<b>16.7%</b>

Evolution heures depuis maintenance



Vibration P95 ↔ Risque de panne



Tendance du risque de panne vs Tendance du RUL

