

Full Dataset

Employee_ID	Name	Department	Hours_Worked	Tasks_Completed	Productivity_Score	Performance_Rating	PEI	Tasks_per_Hour
101	Aakash	Sales	35	50	80	4	9.142857143	1.4285714
102	Meera	Marketing	40	65	90	5	11.25	1.625
103	Suresh	HR	30	40	70	3	7	1.3333333
104	Riya	IT	45	75	95	5	10.55555556	1.6666667
105	Prakash	Finance	25	30	60	2	4.8	1.2
106	Neha	Sales	38	58	85	4	8.947368421	1.5263158
107	Rahul	IT	50	80	100	5	10	1.6
108	Priya	HR	28	35	65	3	6.964285714	1.25
109	Kunal	Marketing	42	70	92	5	10.95238095	1.6666667
110	Sneha	Sales	37	55	83	4	8.972972973	1.4864865
111	Amit	Finance	29	38	68	3	7.034482759	1.3103448
112	Pooja	Marketing	44	73	94	5	10.68181818	1.6590909
113	Varun	HR	33	45	75	3	6.818181818	1.3636364
114	Deepak	Sales	41	66	89	4	8.682926829	1.6097561
115	Rakesh	IT	48	78	98	5	10.20833333	1.625
116	Kavita	Finance	26	32	62	2	4.769230769	1.2307692
117	Sanjay	HR	31	42	72	3	6.967741935	1.3548387
118	Arjun	Marketing	43	75	93	5	10.81395349	1.744186
119	Anjali	IT	39	60	87	4	8.923076923	1.5384615
120	Suman	Sales	36	52	78	4	8.666666667	1.4444444
121	Mohan	Finance	27	34	64	2	4.740740741	1.2592593
122	Jyoti	HR	32	44	74	3	6.9375	1.375
123	Neeraj	Marketing	46	77	96	5	10.43478261	1.673913
124	Akash	Sales	34	48	76	3	6.705882353	1.4117647
125	Tanya	IT	47	79	99	5	10.53191489	1.6808511

Top 5 Productive Employees

Name	Department	Productivity_Score
Rahul	IT	100
Tanya	IT	99
Rakesh	IT	98
Neeraj	Marketing	96
Riya	IT	95

Top 3 by PEI

Name	Department	PEI
Meera	Marketing	11.25
Kunal	Marketing	10.95238
Arjun	Marketing	10.81395

Underutilized High Performers

Name	Hours_Worked	Performance_Rating
Aakash	35	4
Sneha	37	4
Suman	36	4

Most Task Efficient Employee

Name	Department	Tasks_per_Hour	Productivity_Score	Performance_Rating
Arjun	Marketing	1.744186047	93	5

Correlation Summary

Metric	Correlation Coefficient
Hours vs Rating	0.946234858
Tasks vs Rating	0.95745537
Hours vs Productivity	0.992498423

Most Consistent Department

Department	Productivity_StdDev
Marketing	2.236067977