

Employee_ID	Name	Department	Hours_Worked	Tasks_Completed	Productivity_Score	Performance_Rating	PEI	Tasks_per_Hour	PEI_Rank
101	Aakash	Sales	35	50	80	4	9.142857143	1.428571429	10
102	Meera	Marketing	40	65	90	5	11.25	1.625	1
103	Suresh	HR	30	40	70	3	7	1.333333333	17
104	Riya	IT	45	75	95	5	10.55555556	1.666666667	5
105	Prakash	Finance	25	30	60	2	4.8	1.2	23
106	Neha	Sales	38	58	85	4	8.947368421	1.526315789	12
107	Rahul	IT	50	80	100	5	10	1.6	9
108	Priya	HR	28	35	65	3	6.964285714	1.25	19
109	Kunal	Marketing	42	70	92	5	10.95238095	1.666666667	2
110	Sneha	Sales	37	55	83	4	8.972972973	1.486486486	11
111	Amit	Finance	29	38	68	3	7.034482759	1.310344828	16
112	Pooja	Marketing	44	73	94	5	10.68181818	1.659090909	4
113	Varun	HR	33	45	75	3	6.818181818	1.363636364	21
114	Deepak	Sales	41	66	89	4	8.682926829	1.609756098	14
115	Rakesh	IT	48	78	98	5	10.20833333	1.625	8
116	Kavita	Finance	26	32	62	2	4.769230769	1.230769231	24
117	Sanjay	HR	31	42	72	3	6.967741935	1.35483871	18
118	Arjun	Marketing	43	75	93	5	10.81395349	1.744186047	3
119	Anjali	IT	39	60	87	4	8.923076923	1.538461538	13
120	Suman	Sales	36	52	78	4	8.666666667	1.444444444	15
121	Mohan	Finance	27	34	64	2	4.740740741	1.259259259	25
122	Jyoti	HR	32	44	74	3	6.9375	1.375	20
123	Neeraj	Marketing	46	77	96	5	10.43478261	1.673913043	7
124	Akash	Sales	34	48	76	3	6.705882353	1.411764706	22
125	Tanya	IT	47	79	99	5	10.53191489	1.680851064	6

Employee_ID	Name	Department	Hours_Worked	Tasks_Completed	Productivity_Score	Performance_Rating	PEI	Tasks_per_Hour	PEI_Rank
107	Rahul	IT	50	80	100	5	10	1.6	9
125	Tanya	IT	47	79	99	5	10.53191489	1.680851064	6
115	Rakesh	IT	48	78	98	5	10.20833333	1.625	8
123	Neeraj	Marketing	46	77	96	5	10.43478261	1.673913043	7
104	Riya	IT	45	75	95	5	10.55555556	1.666666667	5

Department	Std_Dev_Productivity
Finance	2.958039892
HR	3.544009029
IT	4.707440918
Marketing	2
Sales	4.374801583

Employee_ID	Name	Department	Hours_Worked	Tasks_Completed	Productivity_Score
102	Meera	Marketing	40	65	90
109	Kunal	Marketing	42	70	92
118	Arjun	Marketing	43	75	93

Performance_Rating	PEI	Tasks_per_Hour	PEI_Rank
5	11.25	1.625	1
5	10.95238095	1.666666667	2
5	10.81395349	1.744186047	3

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101	Aakash	Sales	35	50	80	4	9.142857143	1.428571429	10
110	Sneha	Sales	37	55	83	4	8.972972973	1.486486486	11
120	Suman	Sales	36	52	78	4	8.666666667	1.444444444	15

Employee_ID	Name	Department	Hours_Worked
118	Arjun	Marketing	43

Tasks_Completed	Productivity_Score	Performance_Rating
75	93	5

PEI	Tasks_per_Hour	PEI_Rank
10.81395349	1.744186047	3

	Correlation
Hours_Worked vs Performance_Rating	0.946234858
Tasks_Completed vs Performance_Rating	0.95745537
Hours_Worked vs Productivity_Score	0.992498423