

After ETL

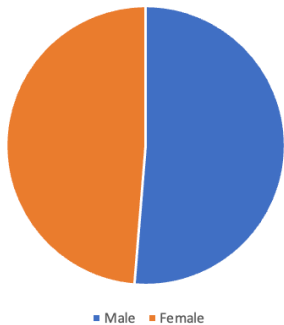
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	EmpID	EmpName	EngDt	TermDt	DepID	GenderID	RaceID	MgrID	DOB	Age	Length of Service	Level	tbl_action.ActID	tbl_action.EffectiveDt
2	1	Nash Kay	01/01/15	29/05/17	8	1	1	1	12/02/87	38	2.406570842	1	1	01/01/15
3	1	Nash Kay	01/01/15	29/05/17	8	1	1	1	12/02/87	38	2.406570842	1	1209	29/05/17
4	2	Simpson Raymond	01/01/15	07/11/24	7	0	4	2	15/11/82	42	9.850787132	1	2	01/01/15
5	3	Devlin Kay	06/10/15	24/06/19	10	1	5	3	22/02/86	39	3.715263518	1	3	06/10/15
6	3	Devlin Kay	06/10/15	24/06/19	10	1	5	3	22/02/86	39	3.715263518	1	1527	24/06/19
7	4	Massie Elisabeth	01/01/15	07/11/24	4	1	2	4	25/05/77	47	9.850787132	1	4	01/01/15
8	5	Mead Catherine	22/05/15	15/07/20	8	1	1	1	04/04/95	30	5.149897331	2	5	22/05/15
9	6	Wright Linda	11/07/15	18/06/22	10	1	2	3	13/02/89	36	6.937713895	2	6	11/07/15
10	7	Gibbs David	04/12/15	08/10/18	3	0	4	7	06/05/83	42	2.844626968	1	7	04/12/15
11	7	Gibbs David	04/12/15	08/10/18	3	0	4	7	06/05/83	42	2.844626968	1	1348	08/10/18
12	8	Shute Sarah	01/01/15	07/11/24	9	1	2	8	11/04/86	39	9.850787132	1	8	01/01/15
13	9	Woolley Paulin	01/01/15	22/02/15	4	0	4	4	06/01/95	30	0.142368241	2	9	01/01/15
14	9	Woolley Paulin	01/01/15	22/02/15	4	0	4	4	06/01/95	30	0.142368241	2	1018	07/04/15
15	9	Woolley Paulin	01/01/15	22/02/15	4	0	4	4	06/01/95	30	0.142368241	2	1024	22/02/15
16	10	Woodbridge Irene	09/05/15	15/06/22	1	1	5	10	21/06/85	39	7.101984942	1	10	09/05/15
17	11	Richardson Bhavna	11/05/15	29/09/21	9	1	2	8	31/07/78	46	6.387405886	2	11	11/05/15
18	12	Lamb Daniel	24/12/15	07/11/24	6	0	5	12	03/02/75	50	8.873374401	1	12	24/12/15
19	13	Seabrook Sonia	01/01/15	07/11/24	1	1	2	10	17/12/90	34	9.850787132	2	13	01/01/15
20	14	Powell David	26/07/15	07/11/24	6	0	5	12	02/05/78	47	9.28678987	2	14	26/07/15
21	15	Nielson Paulin	13/03/16	07/11/24	4	0	2	4	19/11/74	50	8.654346338	2	15	13/03/16
22	16	Goddard Joanna	01/01/15	07/11/24	7	1	5	2	27/08/72	52	9.850787132	2	16	01/01/15
23	17	Webb Steven	08/10/15	07/11/24	3	0	2	7	26/10/87	37	9.084188912	2	17	08/10/15
24	18	Channing Francis	21/03/15	07/11/24	7	0	5	2	31/01/68	57	9.63449692	2	18	21/03/15
25	19	Richards Iris	01/01/15	07/11/24	9	1	5	8	03/10/68	56	9.850787132	2	19	01/01/15

Demographics Analysis

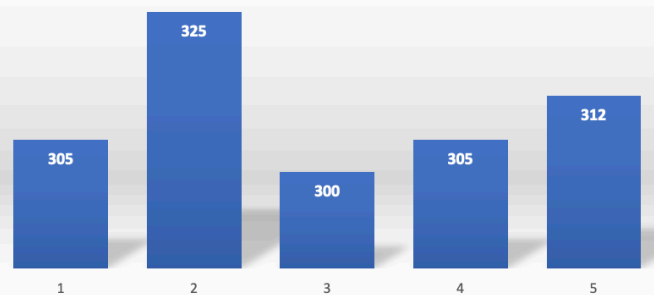
GenderID	Count
Male	801
Female	761

RaceID	Count
1	305
2	325
3	300
4	305
5	312

Gender Distribution

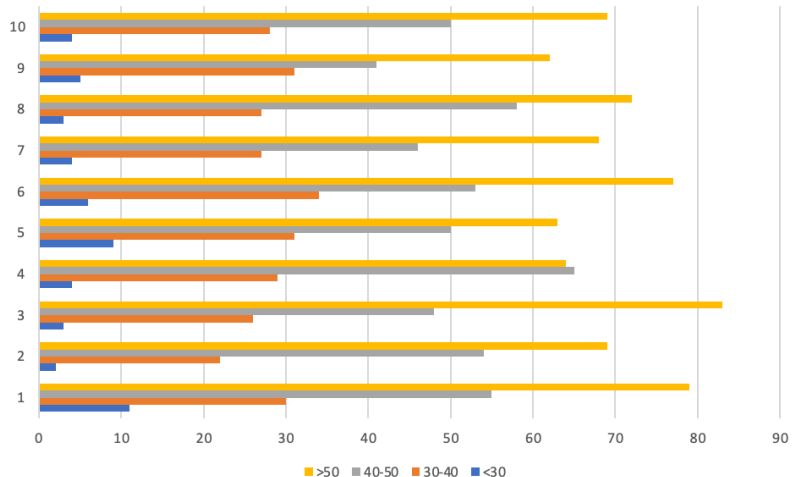


RaceID vs Count



Department	<30	30-40	40-50	>50
1	11	30	55	79
2	2	22	54	69
3	3	26	48	83
4	4	29	65	64
5	9	31	50	63
6	6	34	53	77
7	4	27	46	68
8	3	27	58	72
9	5	31	41	62
10	4	28	50	69

Department-wise Age Distribution



Employee Profile Creation

Employee Profile Creation				
Employee Name	Department	Position	Age	Email Address
GONZALEZ MARIA	IT/IS	it support	38	gmaria38@kimail.com
COCKEL JAMES	Produ	production technician i	42	cjames42@kimail.com
BUNBURY JESSICA	Sales	area sales manager	39	bjessica39@kimail.com
BUCK EDWARD	Sales	area sales manager	47	bedward47@kimail.com
JACOBI HANNAH	Produ	production technician i	30	jhannah30@kimail.com
RIORDAN MICHAEL	Sales	area sales manager	36	rmichael36@kimail.com
FERGUSON SUSAN	Produ	production technician i	42	fsusan42@kimail.com
ALBERT MICHAEL	Produ	production manager	39	amichael39@kimail.com
GENTRY MILDRED	Produ	production technician i	30	gmildred30@kimail.com
ONQUE JASMINE	Sales	area sales manager	39	ojasmine39@kimail.com
DESIMONE CARL	Produ	production technician i	46	dcarl46@kimail.com
GALIA LISA	IT/IS	it support	50	glisa50@kimail.com
SMITH SADE	Produ	production technician i	34	ssade34@kimail.com
ROBERTSON PETER	Produ	production technician ii	47	rpeter47@kimail.com
SMITH JOHN	Sales	sales manager	50	sjohn50@kimail.com
BIDEN LOWAN M	Produ	production technician i	52	blowan m52@kimail.com
JHAVERI SNEHA	Produ	production technician i	37	jsneha37@kimail.com
LERUTH GIOVANNI	Sales	area sales manager	57	lgiovanni57@kimail.com
FAVIS DONALD	IT/IS	enterprise architect	56	fdonald56@kimail.com
TURPIN JUMIL	IT/IS	network engineer	44	tjumil44@kimail.com
GONZALES RICARDO	Sales	area sales manager	39	gricardo39@kimail.com
PETERS LAUREN	Produ	production technician ii	41	pl Lauren41@kimail.com
GONZALEZ JUAN	Produ	production technician ii	62	gjuan62@kimail.com
DANIELE ANN	IT/IS	sr. network engineer	51	dann51@kimail.com
FRAVAL MARUK	Sales	area sales manager	39	fmaruk39@kimail.com
STRONG CAITRIN	Sales	area sales manager	58	scaitrin58@kimail.com
GONZALEZ CAYO	Produ	production technician i	70	gcayo70@kimail.com

Employee Insights Report

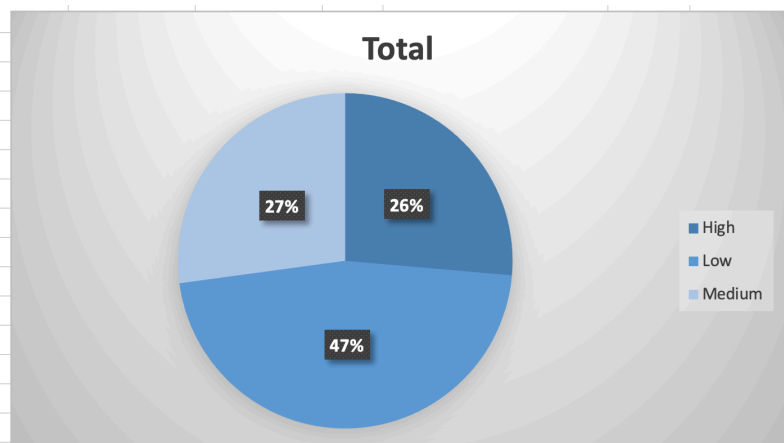
Find EmpName based on EmpID		employee's performance score	
using VLOOKUP	using XLOOKUP	using INDEX and MATCH	using VLOOKUP
Nash Kay	Nash Kay	1	1
Simpson Raymond	Simpson Raymond	2	2
Devlin Kay	Devlin Kay	2	2
Massie Elisabeth	Massie Elisabeth	4	4
Mead Catherine	Mead Catherine	2	2
Wright Linda	Wright Linda	5	5
Gibbs David	Gibbs David	3	3
Shute Sarah	Shute Sarah	4	4
Woolley Paulin	Woolley Paulin	4	4
Woodbridge Irene	Woodbridge Irene	4	4
Richardson Bhavna	Richardson Bhavna	3	3
Lamb Daniel	Lamb Daniel	4	4
Seabrook Sonia	Seabrook Sonia	3	3
Powell David	Powell David	4	4
Nielson Paulin	Nielson Paulin	4	4
Goddard Joanna	Goddard Joanna	3	3
Webb Steven	Webb Steven	3	3
Channing Francis	Channing Francis	4	4
Richards Iris	Richards Iris	1	1
Ewart Amanda	Ewart Amanda	3	3
Gorton Adele	Gorton Adele	1	1
Andrews Sally	Andrews Sally	1	1
Bennett Andrew	Bennett Andrew	4	4
Cousins Phyllis	Cousins Phyllis	3	3

Employee Statistics Analysis

Metric	Column Name	Value
Mean Age	Mean Age	47.81
Mean Level	Mean Level	14.57
Median Age	Median Age	48
Median Level	Median Level	15
Mode of DepID	Most Common Department ID	1
Mode of MgrID	Most Common Manager ID	1
Variance of Age	Age Variance	101.74
Variance of Level	Level Variance	58.25
Std Dev of Age	Age Standard Deviation	10.09
Std Dev of Level	Level Standard Deviation	7.63
Correlation	Correlation DepID & MgrID	0.006955358

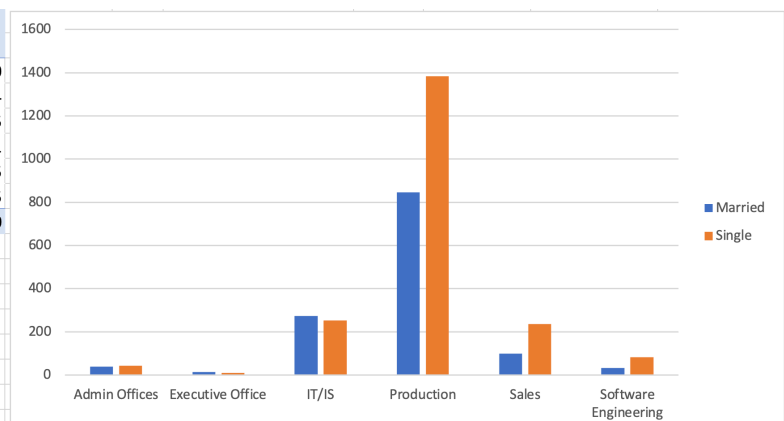
Pivot Table (1)

Value of Employee	Count of Value of Employee
High	412
Low	726
Medium	424
Grand Total	1562



Pivot Table (2)

Count of EmpID	Married	Single	Grand Total
Department			
Admin Offices	38	42	80
Executive Office	14	10	24
IT/IS	273	252	525
Production	847	1384	2231
Sales	98	237	335
Software Engineering	33	82	115
Grand Total	1303	2007	3310



Pivot Table (3)

Sex	Male						
Count of EmpID							
Department	Divorced	Married	Separated	Single	Widowed	Grand Total	
Admin Offices	3	17		16		36	
Executive Office	10	13				23	
IT/IS	14	150	1	96	4	265	
Production	192	333	15	296	10	846	
Sales	1	71	30	113	1	216	
Software Engineering		16		50		66	
Grand Total	220	600	46	571	15	1452	

Pivot Table (4)

