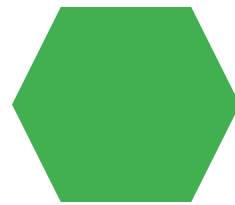


Employee Data Analysis using Excel



STUDENT NAME: kalpana.S
REGISTER NO:312210169 (asunm136322ca18)
DEPARTMENT:B.com(computer applications)
COLLEGE: Valliammal college for



PROJECT TITLE






Employee attrition analysis using Excel dashboard



AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Our Solution and Proposition
5. Dataset Description
6. Modelling Approach
7. Results and Discussion
8. Conclusion

PROBLEM STATEMENT

1. ****Problem Statement ****
2. ****Data Collection**** 
3. ****Data Preprocessing****
4. ****Exploratory Data Analysis (EDA)****
5. ****Dashboard Design****
6. ****Dashboard Implementation**** 

7. ****Result Analysis and**

PROJECT OVERVIEW

- 
1. **Project Objective**
 2. **Data Collection**
 3. **Data Preprocessing**
 4. **Exploratory Data Analysis (EDA)**
 5. **Dashboard Design**
 6. **Visualization and Insights**
 7. **Recommendation Development**
 8. **Project Deliverables**
 9. **Communication and Reporting**
- 
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WHO ARE THE END USERS?

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1. ****HR Managers****
2. ****Department Heads****
3. ****Senior Leadership/Executives****
4. ****Talent Management Teams****
5. ****Compensation and Benefits Teams****
6. ****Employee Engagement Teams****
7. ****Data Analysts****
8. ****Recruitment Teams****



OUR SOLUTION AND ITS VALUE PROPOSITION

****Our Solution****

1. ****Interactive Excel Dashboard****
2. ****Comprehensive Data Analysis****
3. ****Predictive Insights****
4. ****Customizable Filters****

****Value Proposition****

1. ****Data-Driven Decision Making****
2. ****Cost-Effective Solution****
3. ****Actionable Insights****
4. ****Improved Employee Retention****

Dataset Description

1. ****Employee Demographics****
2. ****Department and Job Role****
3. ****Tenure and Experience****
4. ****Salary and Compensation****
5. ****Performance Ratings****
6. ****Job Satisfaction and Engagement Scores****
7. ****Attrition Status****
8. ****Leave and Absenteeism Data****
9. ****Training and Development****
10. ****Work-Life Balance Indicators****

THE "WOW" IN OUR SOLUTION

1. ****Real-Time Data Visualization****
2. ****Interactive Filters and Slicers****
3. ****User-Friendly Interface****
4. ****Customizable Dashboards****
5. ****Automated Data Updates****
6. ****Predictive Attrition Modeling****
7. ****In-Depth Drill-Down Analysis****
8. ****Actionable Insights at a Glance****

MODELLING

	A	B	C	D	E	
	Emp ID	Name	Gender	Department	Salary	Sta
2	PR00746	Hogan Iles	Female	Accounting	114177.23	18-
3	SQ03476	Inger Andriveaux	Male	Accounting	107107.6	13-
4	VT02374	Delphine Jewis	Female	Accounting	71823.56	Oct
5	VT02374	Delphine Jewis	Female	Accounting	71823.56	Oct
6	VT03849	Leonidas Cavaney	Male	Accounting	52246.29	18-
7	SQ01519	Caron Kolakovic	Male	Accounting	49915.14	26-
8	SQ02223	Pippy Shepperd	Female	Accounting	44845.33	26-
9	PR04473	Wyn Treadger	Female	Business Development	90884.32	19-
10	SQ02559	Aldrich Glenny	Male	Business Development	88511.17	27-
11	TN01876	Aileen McCritchie	Male	Business Development	86558.58	10-
12	PR01346	Adolph McNalley	Male	Business Development	86233.83	5-
13	PR04380	Van Tuxwell	Female	Business Development	85918.61	18-
14	SQ00144	Collen Dunbleton	Male	Engineering	118976.16	Oct
15	TN01281	Cletus McGarahan	Female	Engineering	114425.19	27-
16	SQ02643	Niko MacGille	Female	Engineering	88425.08	Jul
17	VT00687	Adrianne Gave	Male	Engineering	78443.78	May
18	SQ02525	Mickie Dagwell	Male	Engineering	50855.53	Jan
19	VT04984	Dell Molloy	Male	Engineering	47362.62	22-
20	VT02539	Devinne Tuny	Male	Engineering	39969.72	10-
21	VT03552	Karyn Creeghan	Male	Engineering	36536.26	Jun
22	SQ03387	Robinia Scholling	Female	Human Resources	100731.95	Apr
23	TN04428	Tadio Audritt		Human Resources	99448.78	8-
24	TN04175	Hinda Label	Female	Human Resources	92704.48	26-
25	SQ01177	Riccardo Hagan	Male	Human Resources	86556.96	30-
26	VT03993	Dulce Colbeck	Male	Human Resources	83396.5	30-
27	TN04067	Lea Chaplin	Female	Human Resources	73488.68	15-
28	TN03331	Crawford Scad	Male	Human Resources	72876.91	27-
29	TN03575	Janina Wolverson	Female	Research and Development	99683.67	4-
30	VT02260	Rhiamon Mollison	Female	Research and Development	59434.18	10-
31	TN00464	Maritsa Marusic	Male	Research and Development	52748.63	27-
32	PR01662	Genevra Friday	Female	Research and Development	50449.46	14-
33	VT04373	Edi Hofton	Male	Research and Development	28160.79	29-
34	VT00596	Letisha Carrett	Female	Sales	84598.88	12-
35	PR03445	Myrle Prandoni	Male	Sales	62195.47	26-
36	PR03034	Estell Kneeland	Male	Sales	33403.45	4-

RESULT

S

6		18-Apr-19	Temporary	Wellington, New Zealand
7		26-Mar-19	Permanent	Remote
8		26-Jun-18	Permanent	Seattle, USA
9		19-Apr-21	Permanent	Columbus, USA
10		27-Dec-19	Permanent	Columbus, USA
11		10-Aug-20	Permanent	Auckland, New Zealand
12		5-Feb-18	Permanent	Columbus, USA
13		18-Nov-19	Permanent	Columbus, USA
14		Oct 16, 2020	Permanent	Wellington, New Zealand
15		27-Jan-20	Permanent	Wellington, New Zealand
16		Jul 16, 2019	Permanent	Hyderabad, India
17		May 14, 2019	Fixed Term	Hyderabad, India
18		Jan 25, 2021	Permanent	Wellington, New Zealand
19		22-May-20	Temporary	Remote
20		10-Dec-18	Temporary	Columbus, USA
21		Jun 11, 2021	Temporary	Hyderabad, India
22		Apr 15, 2020	Permanent	Auckland, New Zealand
23		8-Jan-19	Fixed Term	Wellington, New Zealand
24		26-Nov-18	Fixed Term	Columbus, USA
25		30-Sep-20	Permanent	Hyderabad, India
26		30-Mar-21	Temporary	Auckland, New Zealand
27		15-Apr-19	Fixed Term	Seattle, USA
28		27-May-19	Fixed Term	Auckland, New Zealand
29		4-Feb-19	Fixed Term	Seattle, USA
30		10-Apr-20	Temporary	Seattle, USA

conclusion

1. ****Summary of Key Insights****
2. ****Impact on Business Decisions****
3. ****Recommendations for Reducing Attrition****
4. ****Future Enhancements****
5. ****Final Thoughts on Employee Retention Strategies****