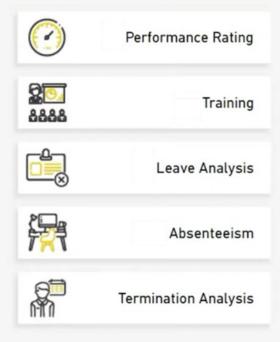
Database for Agile HR Analytics

Truong Hoai Nam



Agile HR analytics



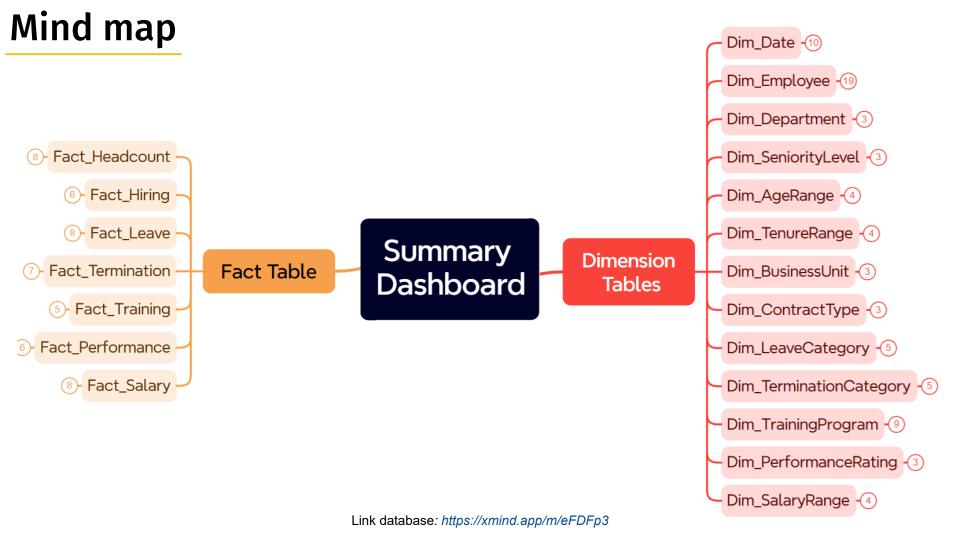


A full end-to-end **analytics and reporting solution** – built on **Microsoft Power BI** – to help you discover useful HR insights for strategic decision making.

It enables HR professionals to make data-driven decisions to attract, manage, and retain employees, and helps leaders make decisions to create better work environments and maximize employee satisfaction and productivity which has a **major impact** on the bottom-line when used effectively.

This is a Demo (trial) version. To get the full production version please contact us or visit us at:

Agile Analytics



Business Unit Summary Dashboard Feb Jun 2018 2020 Jan All Dec Oct Nov Headcount Headcount by Contract Type Headcount by Seniority Average Tenure **Employees** Fixed term 124 1.643 1,117 3,234 ▲ 0.68% years Junior Mid-Level Senior Regular 2,865 Female % of Seniors Headcount by Gender Headcount by Age Range Average Age Diversity 520 38.0% Male 1,399 294 239 Female 1,835 ▲ 0.21% years 20-20-30 30-40 40-50 50-60 60+ Hires Hires by Contract Type Hires by Age Range Hires by Gender Hiring Fixed term 5 31 Female Regular 16 -20.51% Contract 10 20-40-50 50-60 20-30 30-40 Leave Taken by Category Leave Taken Total remaining annual leave Avg. remaining annual leave per person Cost of total remaining annual leave Sick Leave 76.5 Leave Days Others 265.2 1,515 63.165 \$69.3M Annual Leave days days 1.119.7 Terminations Terminations by Category Attrition Rate by Seniority Attrition Rate by Tenure Range **Termination** Planned 19 1.9% 1.3% 0.5% Unplanned **▲** 32.56%

Junior

Mid-Level

Senior



3-5 years 5-10 years 10+ years

General Database

Dim_Employee	
EmployeeKey ${\mathcal O}$	int
Name	nvarchar(50)
DateOfBirth	int
Gender	nvarchar(10)
Generation	nvarchar(10)
Education	nvarchar(50)
JobLevel	int
FTECategory	nvarchar(20)
ContractTypeKey	int
DepartmentKey	int
SeniorityLevelKey	int
BusinessUnitKey	int
LocationKey	int

,	
Dim_Date	
DateKey $\mathcal O$	int
DateValue	date
Weekday	int
DayOfMonth	int
WeekDayName	varchar2
DayofYear	int
MonthOfYear	int
MonthName	varchar2
QuarterOfYear	int
Year	int

Fact_Headcount	
HeadcountKey $\mathcal O$	int
DateKey	int
EmployeeKey	int
ContractTypeKey	int
BusinessUnitKey	int
TenureRangeKey	int
SeniorityLevelKey	int
AgeRangeKey	int

Fact_Leave	
LeaveKey 🖉	int
DateKey	int
EmployeeKey	int
BusinessUnitKey	int
AgeRangeKey	int
LeaveCategoryKey	int
LeaveAnnual	float
Days	float

Fact_Training	
TrainingKey Ø	int
DateKey	int
EmployeeKey	int
BusinessUnitKey	int
TrainingProgramKey	int

Fact_Termination	
TerminationKey ∅	int
DateKey	int
EmployeeKey	int
BusinessUnitKey	int
TerminationCategoryKey	int
TenureRangeKey	int
SeniorityLevelKey	int
AgeRangeKey	int

Fact_Hiring	
HiringKey $\mathcal O$	int
DateKey	int
EmployeeKey	int
ContractTypeKey	int
BusinessUnitKey	int
AgeRangeKey	int

Fact_Performance	
PerformanceKey $\mathcal O$	int
DateKey	int
EmployeeKey	int
BusinessUnitKey	int
PerformanceRatingKey	int
TenureRangeKey	int
AgeRangeKey	int

Fact_Salary	
SalaryKey 🖉	int
DateKey	int
EmployeeKey	int
BusinessUnitKey	int
SalaryRangeKey	int
LastSalary	float
AnnualSalary	float
MonthlySalary	float

Dim_TrainingProgram		
TrainingProgramKe	y Ø	int
Code	nvaro	har(10)
Name	nvaro	har(50)
Session		int
Hour		int
Туре	nvaro	har(10)
StartDateKey		int
EndDateKey		int
Cost		int

Dim TerminationCateg	orar	
TerminationCategoryKe		int
Code		int
Name	nvarc	har(50)

Dim_TenureRange	
TenureRangeKey &) int
Name	nvarchar(50)
From	int
То	int
Dim Location	
	int
LocationKey 🖉	int

Country	nvarchar
Dim_Depart	ment
Department	Key 🖉
Code	
Name	nvarchar
Dim_AgeR	ange

Dim_AgeRange		
AgeRangeK	ey 🖉	int
Name	nvarc	har(50)
From		int
То		int

Dim_ContractType		
ContractTypeKey	int int	
Code	int	
Name	nvarchar(50)	

Dim_PerformanceRating		
PerformanceRatingKey	Ø int	
Name	nvarchar(50)	
Rating	int	

Dim_LeaveCatego	ry
LeaveCategoryKey	y Ø int
Code	int
Name	nvarchar(50)

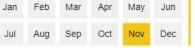
Dim_SalaryRa	Dim_SalaryRange	
SalaryRangeK	ley Ø	int
Name	nvarc	har(50)
From		int
То		int

Dim_SeniorityLevel	
SeniorityLevelKey	Ø int
Code	int
Name	nvarchar(50)

Dim_BusinessUn	it	
BusinessUnitKey	10	int
Code		int
Name	nvarch	nar(50)

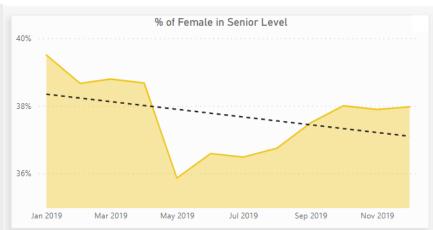
Diversity

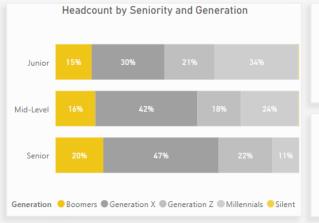


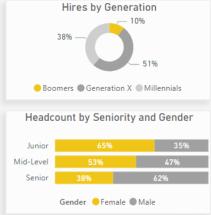


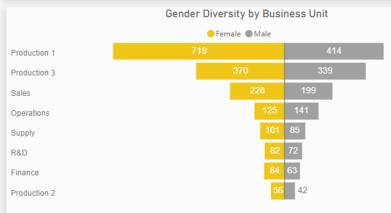


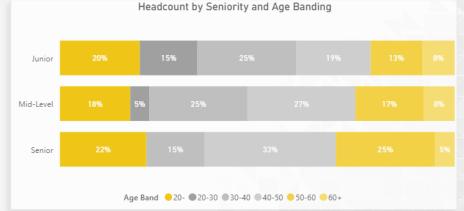
Business Unit



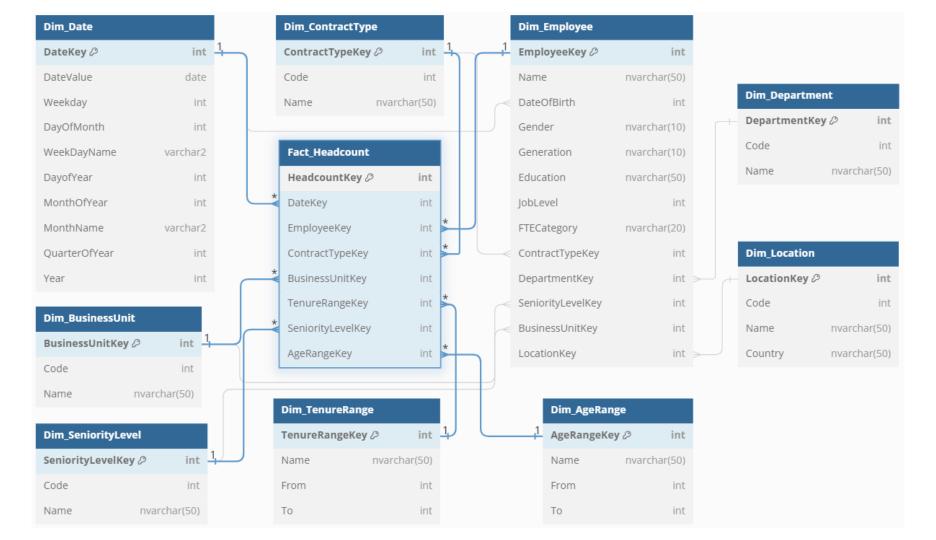






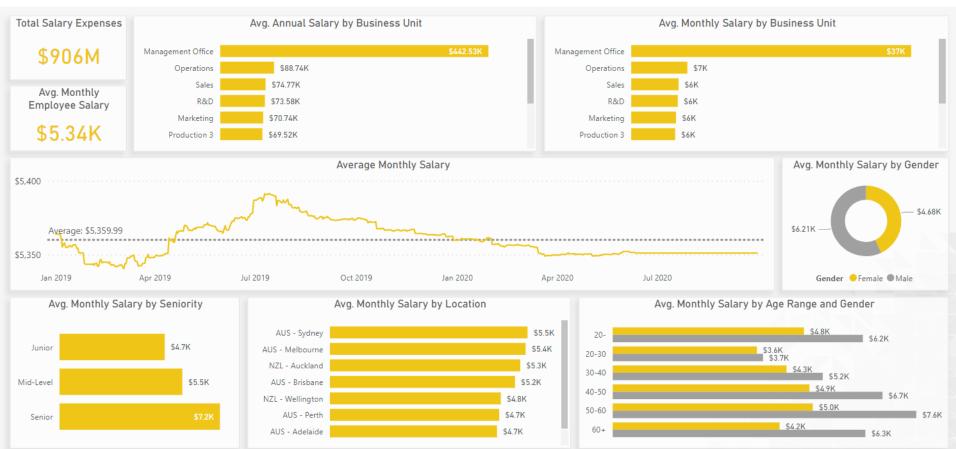




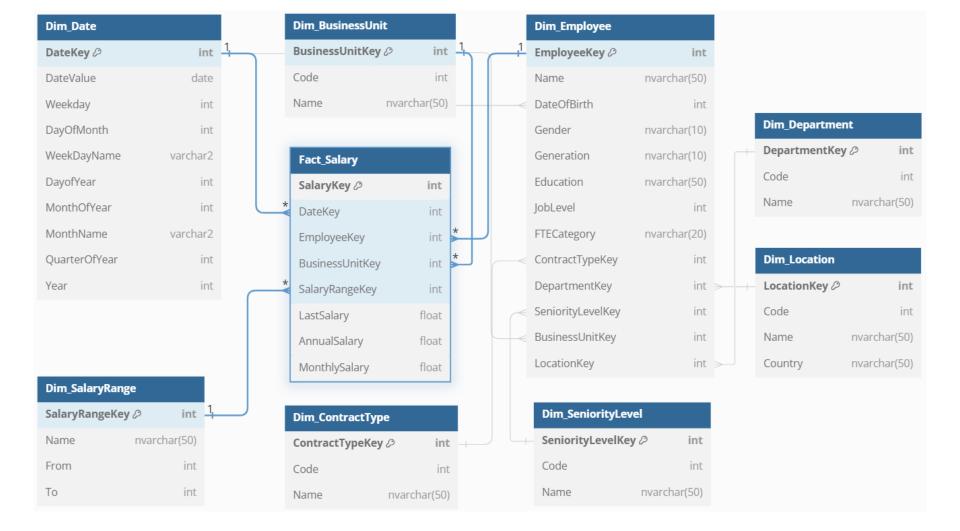


Salary Analytics









Business Unit

Hires

19

- 396

Headcount by FTE Category

FTE Category Full time Part time

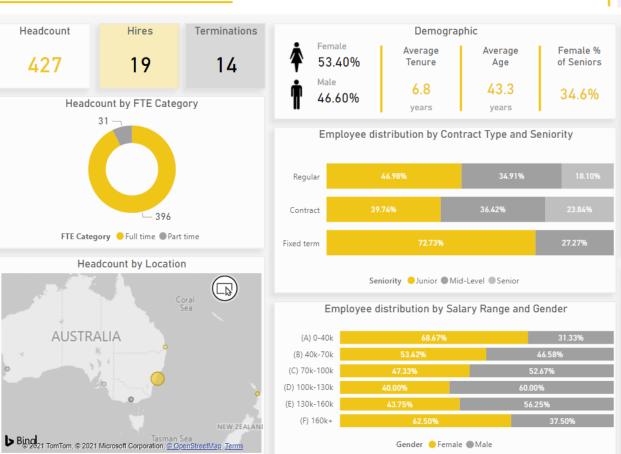
Headcount by Location

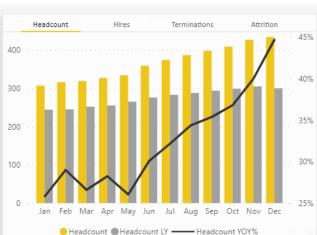
AUSTRALIA

14

Headcount

427





Jun

Dec

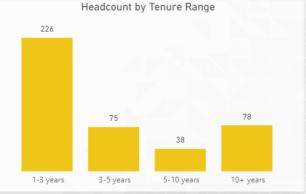
Oct

2020

Jan

Business Unit

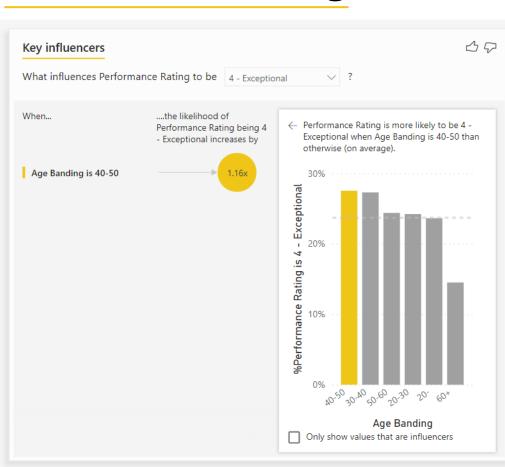
Sales

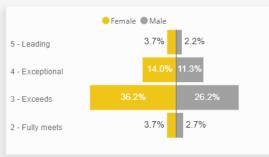






Performance Rating





Jan

Jul

2020

Total Employees Reviewed

2,122

With rating 3 or better

93.5%

Business Unit

Αll

Jun

Dec

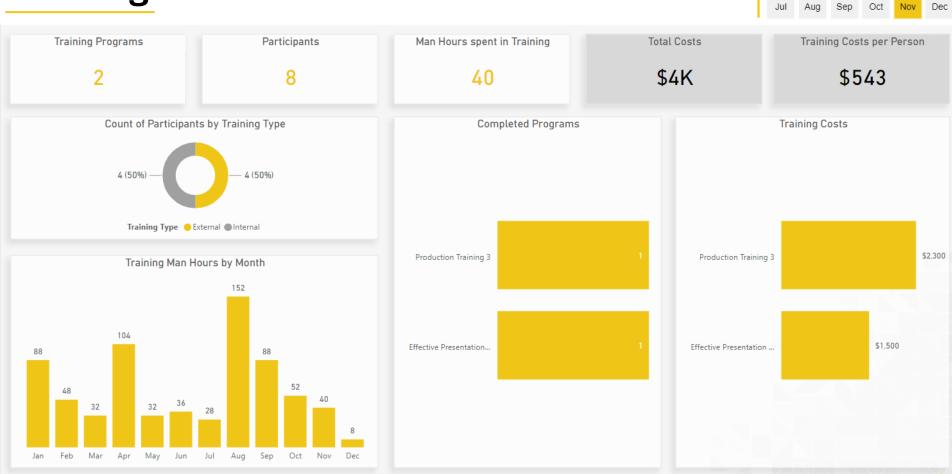
Oct







Training



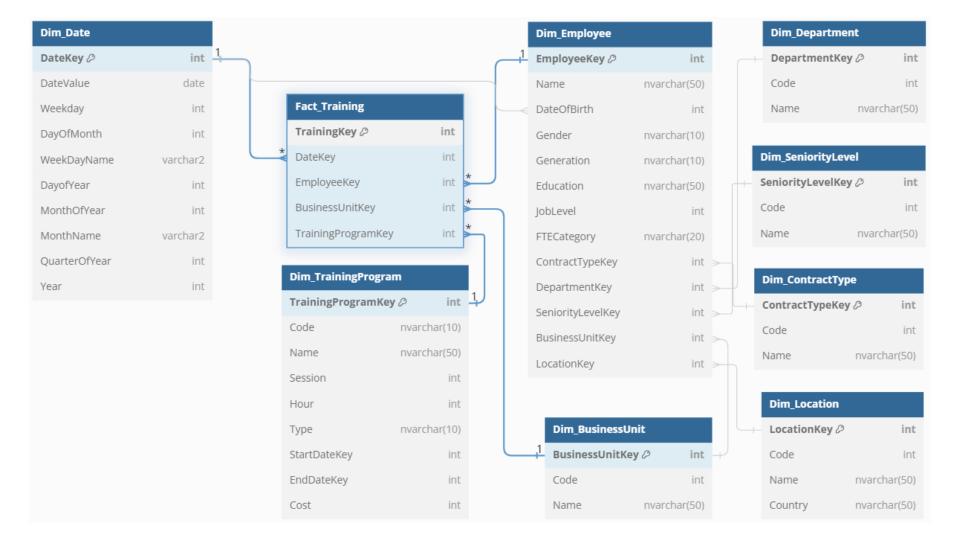


May

Jun

2020

2018



Leave Analysis



annual leave

annual leave

95.2%

Category OAnnual Leave Sick Leave



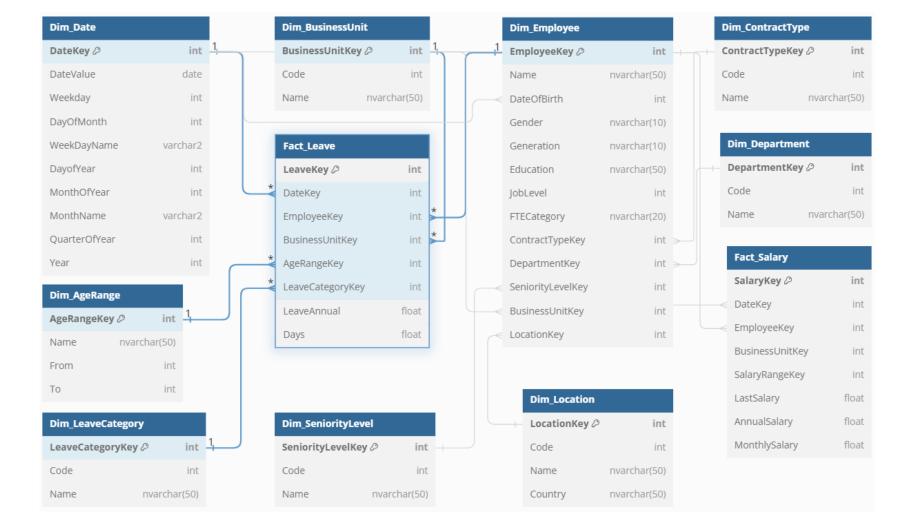
Oct 2018

Jul 2018

Category Annual Leave Sick Leave





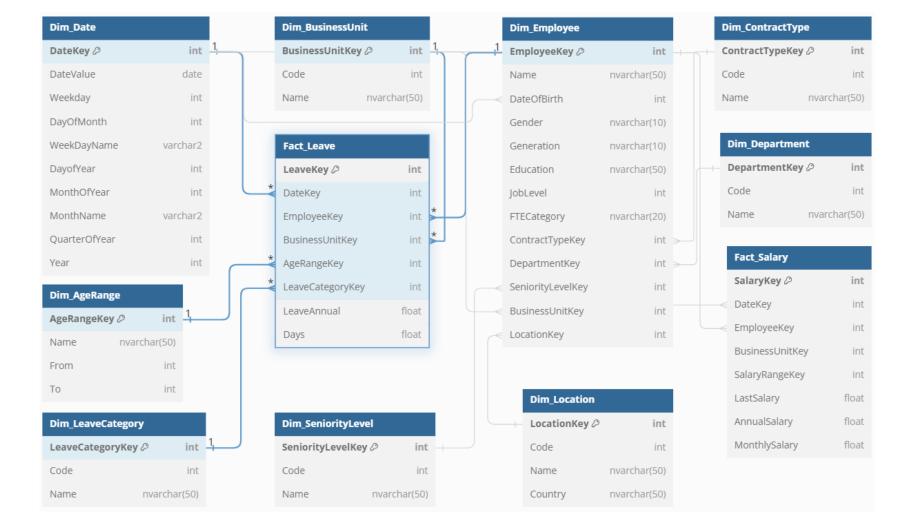


Absenteeism





2020



Employee Details

Personal Information - Active

2020

Dec Oct

5200586

EmployeeID

Employee Name	Skye Culcasi
Date of Birth	16/03/1956
Date of Hire	18/11/1972

Date of Termination Education

Diploma

Production 1

Business Unit

Job Title

Location

Job Level

Contract Type

Production Technician I AUS - Melbourne

Regular

Leave Taken

Last Salary \$50,591

Cost of Annual Leave balance \$22,738

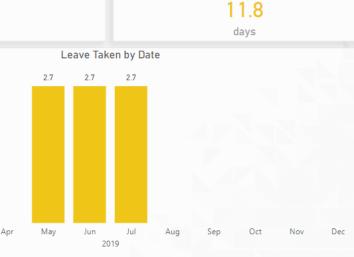
Annual Leave balance

Last Performance Rating

3 - Exceeds

■ Date	Туре	Name	Hours	Cost
11/10/2019	External	Conflict Management	4	\$2,000
11/08/2019	External	Power BI	8	\$3,600
10/07/2019	External	Conflict Management	4	\$2,000
12/06/2019	External	Work, Health & Safety	4	\$2,000
Total			20	\$9,600

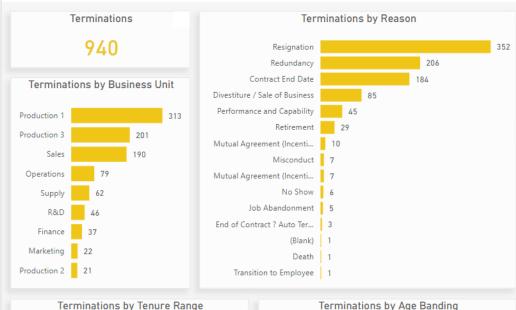


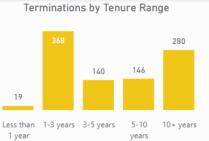




Termination Analysis







19

1 year

