


Project Walkthrough

Upload the PDF files

 **Data Upload & Import**


PDF Upload

Image/Scanned PDF


Upload Settings


Upload PDF Files

Choose PDF file(s) ?

 Drag and drop files here
Limit 200MB per file • PDF

Browse files

 test_employee_data.pdf 1.9KB ×

 1 file(s) uploaded successfully

Data Format Detection

Select delimiter type:

☒ Auto-detect ☐ Comma (,) ☐ Semicolon (;) ☐ Colon (:) ☐ Tab ☐ Mixed

Analyze PDF Structure

< Manage

Click analyze the pdf structure to analyze the contents in the pdf and find the column names and other details.

Analyze PDF Structure


Detected Structure

```
{
  "detected_fields": [
    0 : "EmpID"
    1 : "Name"
    2 : "Department"
    3 : "Role"
    4 : "Salary"
  ]
  "field_types": {
    "EmpID": "string"
    "Name": "string"
    "Department": "string"
    "Role": "string"
    "Salary": "number"
  }
  "delimiters": [
    0 : ","
  ]
  "structure": "tabular"
  "confidence": 50
}
```

And get the sample data preview which could be downloaded in excel format

Sample Data Preview					
	EmpID	Name	Department	Role	Salary
0	E001	Amit Sharma	IT	Software Engineer	85,000
1	E002	Neha Verma	HR	HR Manager	78,000
2	E003	Rahul Mehta	Finance	Accountant	72,000
3	E004	Priya Singh	IT	Data Analyst	82,000
4	E005	Arjun Patel	Sales	Sales Executive	65,000
5	E006	Sneha Kapoor	Marketing	Marketing Lead	90,000
6	E007	Vikas Rao	IT	DevOps Engineer	88,000
7	E008	Anjali Desai	Finance	Financial Analyst	76,000
8	E009	Rohan Gupta	HR	Recruiter	60,000
9	E010	Kavya Iyer	Sales	Sales Manager	95,000


Controlling the upload settings for different requirements.

 **Data Upload & Import**

PDF Upload

Image/Scanned PDF

Upload Settings

 **Upload Settings**

☒ Auto-process on upload

☒ Enable duplicate detection

☒ Auto-mask sensitive data

Max file size (MB)

50

- +

Default encoding

UTF-8

▼

Date format

Auto-detect

▼

Performing data preprocessing and transformation techniques on the data for eg: mapping the column names to retrieve the desired data and drop the rest or combine related fields into one column (first name and last name = name column), performing data cleaning for eg: if there is any missing data then replacing it with the mean/median/mode values of the column and then exporting the transformed data.



Data Processing & Transformation

Column Mapping

Data Cleaning

Transformations

Export



Custom Column Mapping

Define how you want to organize your Excel output

Current Columns

```
[
  0 : "EmpID"
  1 : "Name"
  2 : "Department"
  3 : "Role"
  4 : "Salary"
]
```

Create Custom Mappings

Number of output columns

4

Column 1 Configuration

Output column name

Name

Source columns to combine

Name

Separator (if combining)


Transformation

Uppercase



Mapping applied successfully!

	Name	Department	Role	Salary
0	AMIT SHARMA	IT	SOFTWARE ENGINEER	85,000
1	NEHA VERMA	HR	HR MANAGER	78,000
2	RAHUL MEHTA	FINANCE	ACCOUNTANT	72,000
3	PRIYA SINGH	IT	DATA ANALYST	82,000
4	ARJUN PATEL	SALES	SALES EXECUTIVE	65,000
5	SNEHA KAPOOR	MARKETING	MARKETING LEAD	90,000
6	VIKAS RAO	IT	DEVOPS ENGINEER	88,000
7	ANJALI DESAI	FINANCE	FINANCIAL ANALYST	76,000
8	ROHAN GUPTA	HR	RECRUITER	60,000
9	KAVYA IYER	SALES	SALES MANAGER	95,000




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Data Cleaning

Missing Values

	Column	Missing	Percentage
0	Name	0	0
1	Department	0	0
2	Role	0	0
3	Salary	0	0

Handle missing values

Keep as is


Duplicate Detection

Duplicate Rows

0

Data Types

	Column	Type
0	Name	object
1	Department	object
2	Role	object
3	Salary	int64




Data Processing & Transformation

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Export



Advanced Transformations

Select transformation

Text Extraction (Regex)

Select text column

Name


Regex pattern

(\d+)

New column name

Extracted

Extract





Data Processing & Transformation

Column Mapping


Data Cleaning

Transformations

Export



Export Data



Excel Export Options

☒

 Include dashboard charts

☒

 Include summary sheet

☒

 Apply professional formatting

Excel filename

employee_data.xlsx

Generate Excel

Dashboard Export (PDF/Word)

Select format

☒

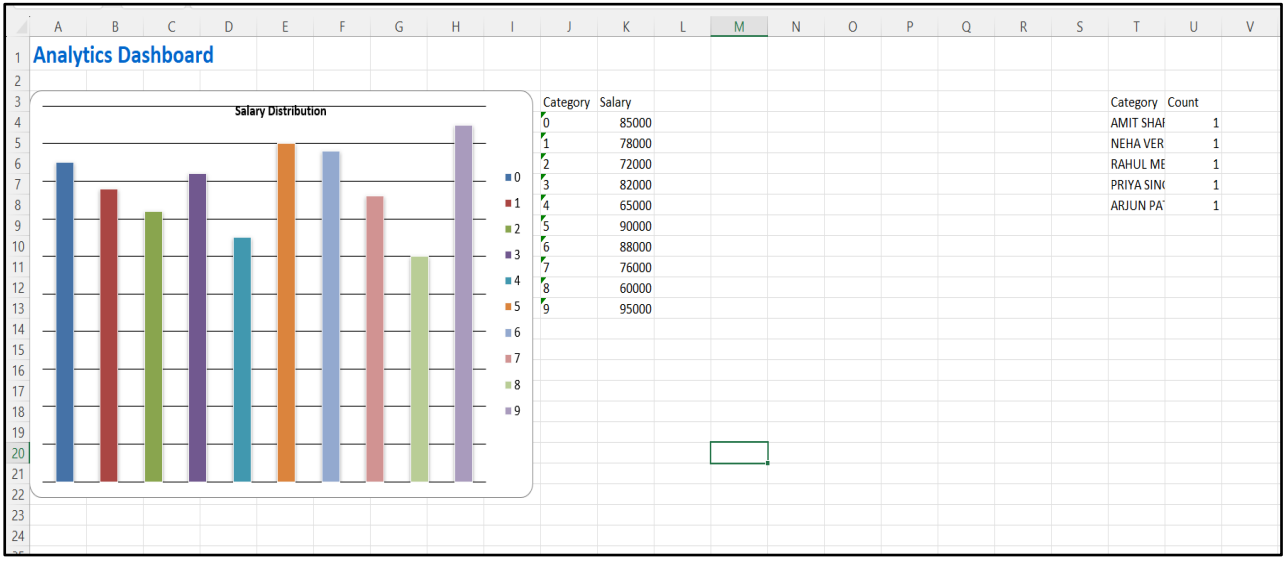
 PDF

☐

 Word (DOCX)


Generate Dashboard Report

exported excel file with analytics dashboard and data summary report



	A	B	C	D	E	F	G	H
1	Data Summary Report							
2	Generated on: 2026-02-11 15:30:38							
3								
4	Dataset Overview							
5	Total Records	12						
6	Total Columns	5						
7	Numeric Columns	1						
8	Text Columns	4						
9	Missing Values	12						
10	Duplicate Rows	0						
11								
12								
13	Numeric Columns Statistics							
14	Column	Count	Mean	Median	Std Dev	Min	Max	
15	Salary	12.00	79,000.00	80,000.00	10,719.57	60,000.00	95,000.00	
16								
17								
18								
19								

	A	B	C	D	E	F
1	Name	Department	Role	Salary	Extracted	
2	AMIT SHARMA	IT	SOFTWARE ENGINEER	#####		
3	NEHA VERMA	HR	HR MANAGER	#####		
4	RAHUL MEHTA	FINANCE	ACCOUNTANT	#####		
5	PRIYA SINGH	IT	DATA ANALYST	#####		
6	ARJUN PATEL	SALES	SALES EXECUTIVE	#####		
7	SNEHA KAPOOR	MARKETING	MARKETING LEAD	#####		
8	VIKAS RAO	IT	DEVOPS ENGINEER	#####		
9	ANJALI DESAI	FINANCE	FINANCIAL ANALYST	#####		
10	ROHAN GUPTA	HR	RECRUITER	#####		
11	KAVYA IYER	SALES	SALES MANAGER	#####		
12	MANISH JAIN	IT	BACKEND DEVELOPER	#####		
13	SIMRAN KAUR	MARKETING	SEO SPECIALIST	#####		
14						
15						
16						




Data Processing & Transformation

Column Mapping

Data Cleaning

Transformations

Export



Export Data

Excel Export Options


☒ Include dashboard charts

☒ Include summary sheet

☒ Apply professional formatting

Excel filename

employee_data.xlsx


 Generate Excel

Dashboard Export (PDF/Word)


Select format

☒ PDF

☐ Word (DOCX)

 Generate Dashboard Report

☒ PDF report generated!

 Download PDF

Analytics Dashboard Report

Generated on February 11, 2026

Executive Summary



Metric	Value
Total Records	12
Total Columns	5
Data Completeness	80.0%
Duplicate Records	0

Data Quality Analysis



Missing Values Found: 1 columns have missing data

Column	Missing Count	Percentage
Extracted	12	100.0%

Viewing the analytics dashboard for better analysis of the data and looking for trends and anomalies in the data



Analytics Dashboard



Data Quality Score

Completeness

80.0%

↓ -10.0%

Consistency

100%

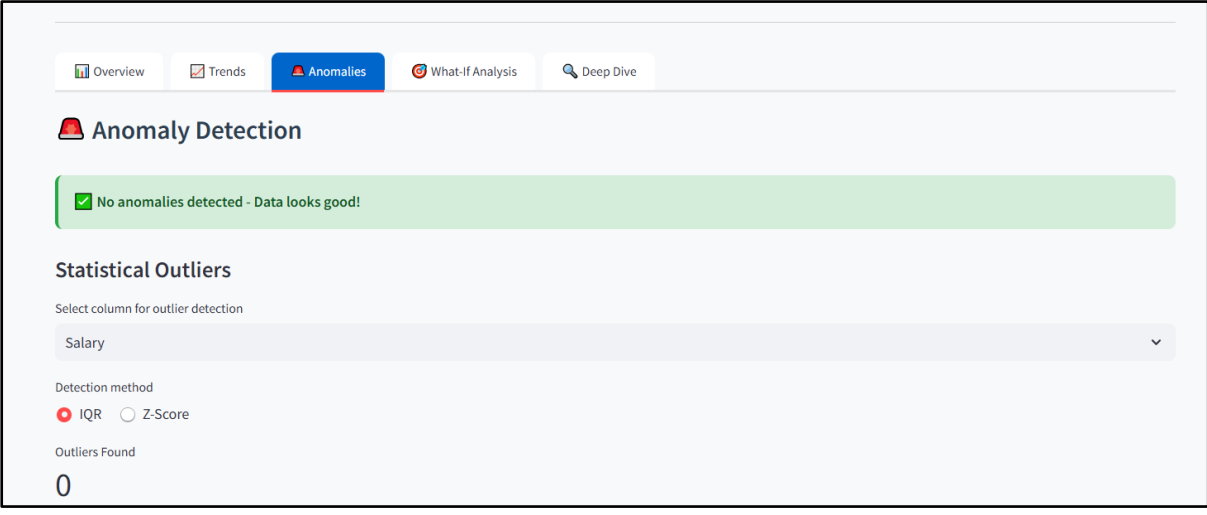
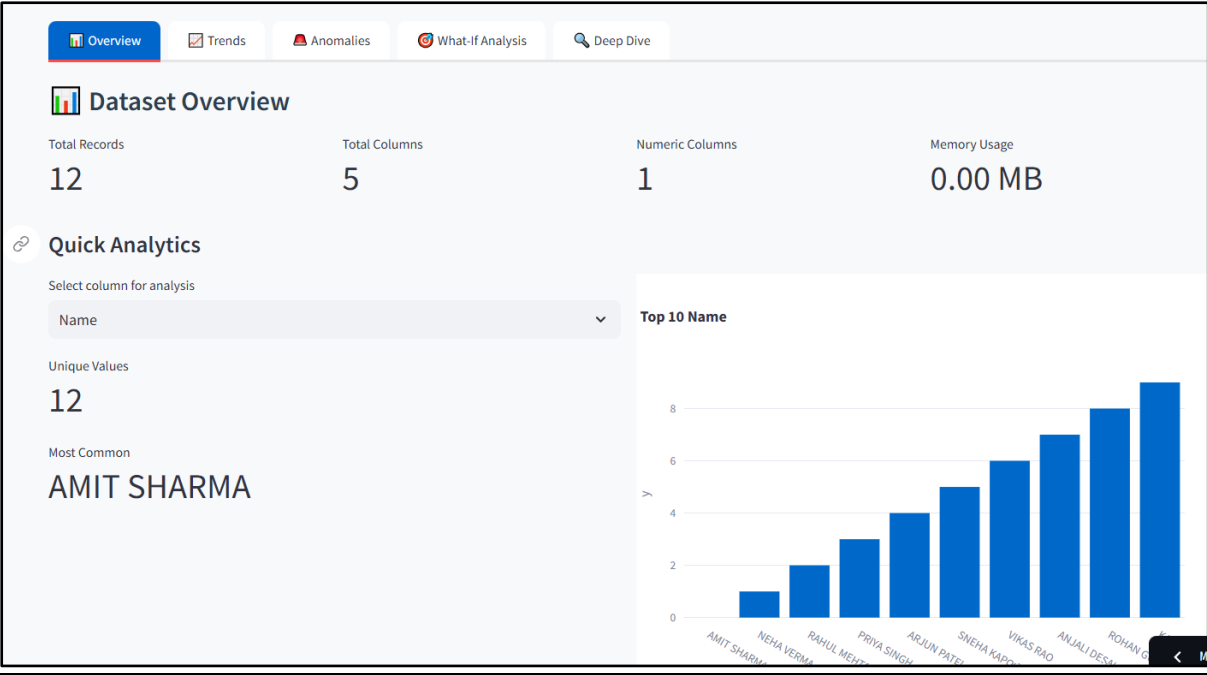
↑ 10%

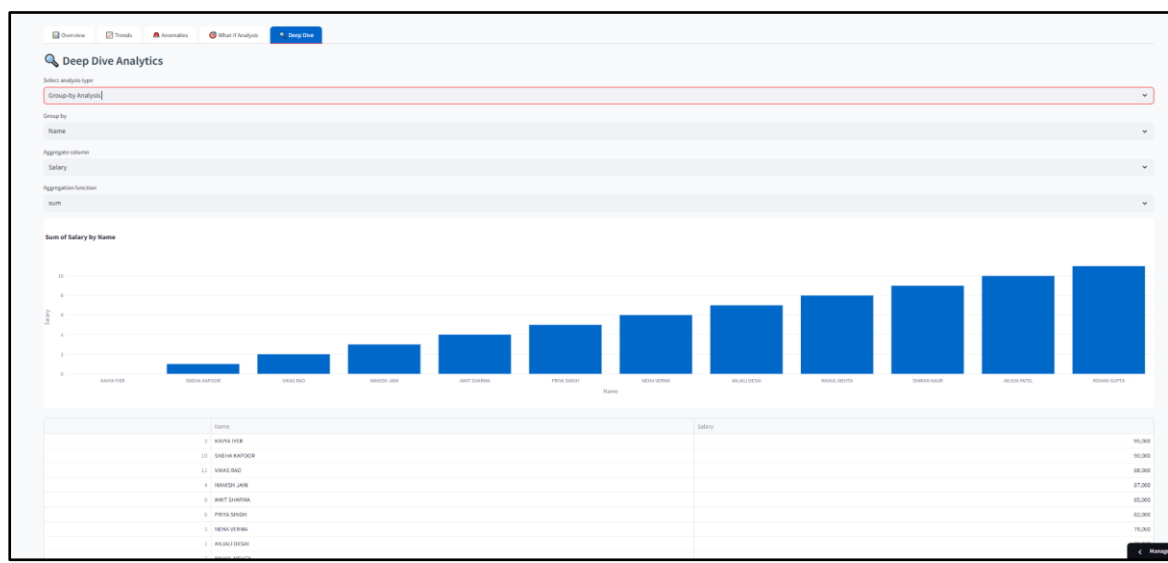
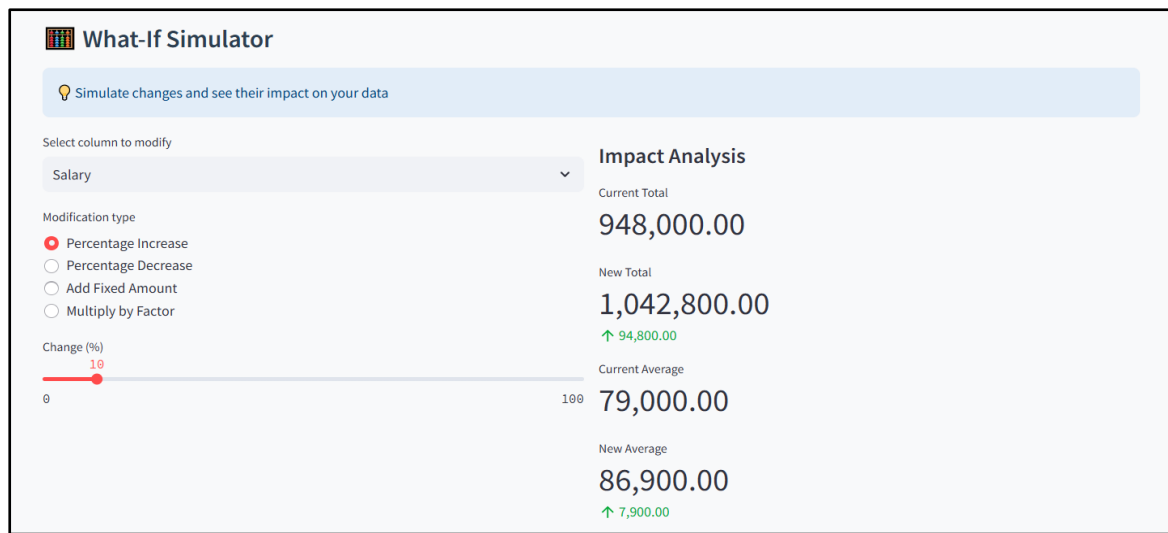
Duplicate Risk

Low

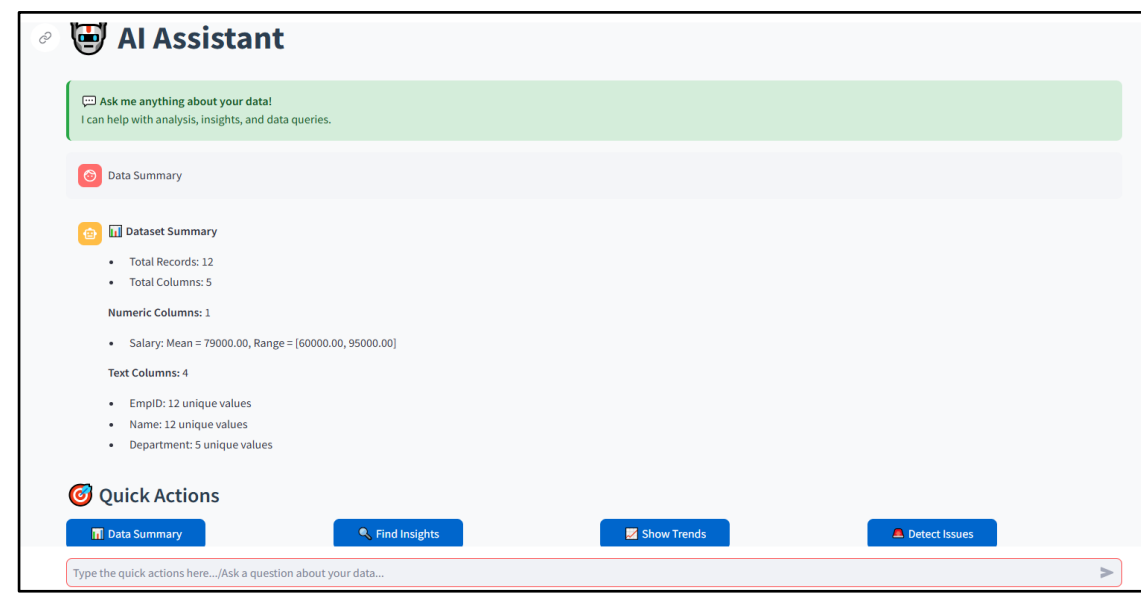
Anomaly Risk

Low





Using ai assistant to answer questions related to the data



sum of salary

Sum of Salary: 948,000.00

Quick Actions

Data Summary

Find Insights

Show Trends

Detect Issues

Type the quick actions here.../Ask a question about your data...

Making the data secure by analysing the sensitive data and masking the data based on desired mask rule and hence it encrypts the data

Data Governance & Compliance

Data Masking

Audit Log

Access Control

Sensitive Data Masking

Detected potentially sensitive columns

Salary - salary

Confidence: 70%

Masking method for Salary

Partial Mask

Apply Masking

Salary - salary

Confidence: 70%

Masking method for Salary

Partial Mask

Partial Mask

Full Mask

Hash

Tokenize

None

encrypted salary field

Apply Masking

Masking applied to Salary

Masked Data Preview

	Name	Department	Role	Salary	Extracted
0	AMIT SHARMA	IT	SOFTWARE ENGINEER	*****	None
1	NEHA VERMA	HR	HR MANAGER	*****	None
2	RAHUL MEHTA	FINANCE	ACCOUNTANT	*****	None
3	PRIYA SINGH	IT	DATA ANALYST	*****	None
4	ARJUN PATEL	SALES	SALES EXECUTIVE	*****	None
5	SNEHA KAPOOR	MARKETING	MARKETING LEAD	*****	None
6	VIKAS RAO	IT	DEVOPS ENGINEER	*****	None
7	ANJALI DESAI	FINANCE	FINANCIAL ANALYST	*****	None
8	ROHAN GUPTA	HR	RECRUITER	*****	None
9	KAVYA IYER	SALES	SALES MANAGER	*****	None

Checking for audit logs and access controls , sending automatic alerts and viewing the predictive analytics/ performances of the data and controlling setting and user preferences

Data Governance & Compliance

Data Masking

Audit Log

Access Control

Audit Log

Filter by action

Data Upload

Excel Export

Filter by user

Manager

	timestamp	action	user	details	session_id
0	2026-02-11 14:53:15	Data Upload	Manager	Uploaded 1 PDF file(s)	session_20260211
1	2026-02-11 15:23:20	Data Upload	Manager	Uploaded 1 PDF file(s)	session_20260211
2	2026-02-11 15:30:38	Excel Export	Manager	Generated employee_data.xlsx	session_20260211

Export Audit Log

Data Governance & Compliance

Data Masking

Audit Log

Access Control

Role-Based Access Control

Current Role: Manager

Your Permissions

☒ View All Data

☒ View Headcount

☒ Basic Analytics

☒ Edit Data

☒ Delete Data

☒ Export Data

☒ Manage Users

☒ View Salary

☒ Mask Data

Alerts & Automation

Email Alerts

Automation Rules

Configure Email Alerts

☒ Enable email notifications

Recipient email

hr@company.com

Alert Triggers

☒ New PDF uploaded

☒ Data processing completed

☐ Anomalies detected

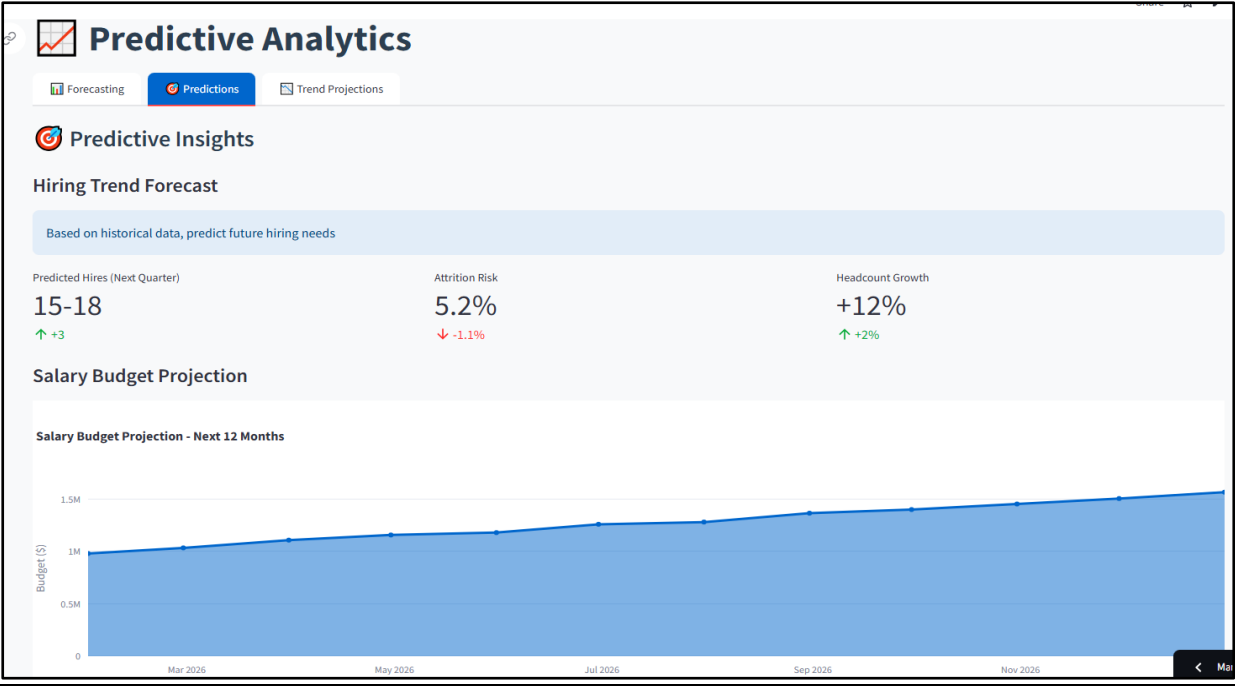
☐ Data quality score below threshold

Quality score threshold (%)

88

100

Save Alert Settings



Forecasting

Predictions

Trend Projections

Based on historical data, predict future hiring needs

Predicted Hires (Next Quarter)

15-18

↑ +3

Attrition Risk

5.2%

↓ -1.1%

Headcount Growth

+12%

↑ +2%

Salary Budget Projection - Next 12 Months

Forecasting

Predictions

Trend Projections

ML model predicts employee attrition risk



Recommended Actions

- Review compensation for 15 employees below market rate
- Career development discussions for 8 employees without recent promotion
- Engagement survey for low-scoring team members
- Mentorship program for employees with new managers



Settings & Preferences

User Preferences

Display

Advanced



User Preferences

Name

John Doe

Timezone

UTC



Email

john.doe@company.com

Date Format

YYYY-MM-DD



Department

HR



Number Format

1,234.56



Save Preferences