Employee Attendance Tracker Dashboard

A comprehensive Power BI dashboard solution for monitoring employee attendance, performance metrics, and salary analytics

278 | 0.98 | 117.71K

Created by: **Akriti Soni**

⭐ Power BI Dashboard Project

Project Overview

About the Project

The Attendance Tracker Dashboard is a comprehensive Power BI solution designed to analyze and visualize employee attendance and salary data.

Created by Akriti Soni, this interactive dashboard provides actionable insights for HR analytics and operational decision-making.

Key Benefits

- Comprehensive employee performance tracking
- Data-driven HR decision making
- Simplified attendance and payroll management
- Visual trends analysis for proactive planning

Core Features

Employee Profiling
Detailed employee information with performance rating

Attendance Analytics
Tracking of present, absent, leave, and weekoff days

Performance Metrics
Visual KPIs and performance scores

Salary Insights
Breakdown of total salary, deductions, and final payout

Dashboard Features

Comprehensive visualization and tracking capabilities

👤 Employee Profile

Detailed employee information display with:

- Employee Name & ID
- Performance Score (0.98)
- Visual Rating Indicator

📅 Attendance Metrics

Comprehensive attendance tracking:

- Present Days Counter (278)
- Absent Days Tracking (7)
- Leave Management (28)
- Weekoff Days Calculation (4)

📊 Visual Analytics

Interactive charts and visualizations:

- Monthly Attendance Trends
- Performance Gauge Charts
- Year-to-Date Statistics
- Comparative Data Analysis

💵 Salary Insights

Comprehensive financial tracking:

- Total Salary Calculation (117.71K)
- Deduction Tracking (2K)
- Final Payout Percentage (98.1%)

🔻 Interactive Filters

Customizable data exploration:

- Employee ID Selection
- Monthly Data Filtering
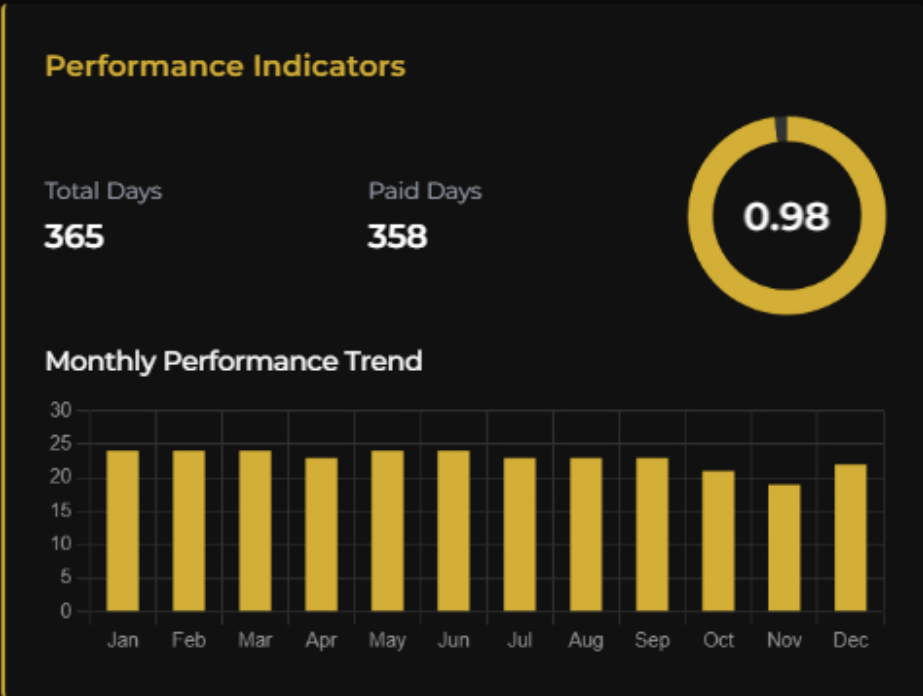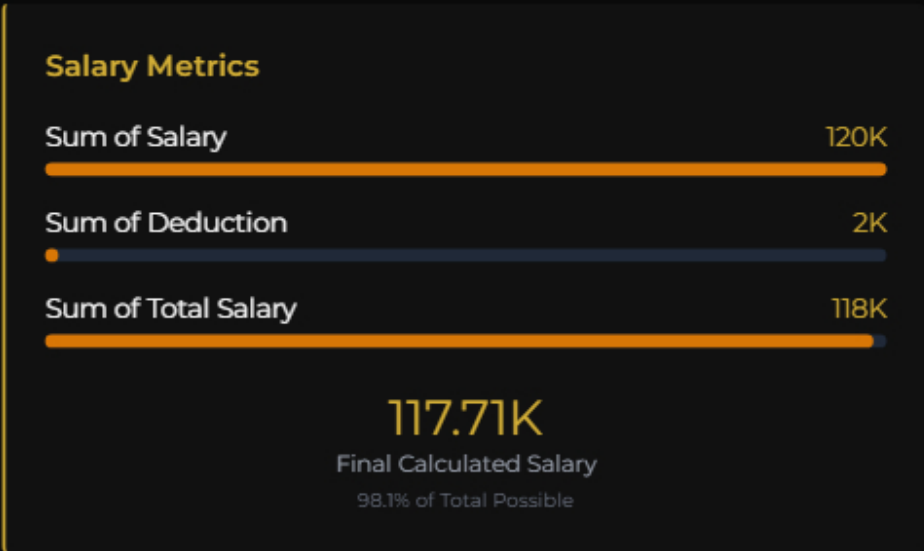- Attendance Category Filters
- Advanced Data Sorting

📑 Reporting Tools

Actionable HR reporting capabilities:

- Performance Reports
- Attendance Summaries
- Payroll Documentation
- Exportable Data Formats

Key Metrics Analysis

Performance Score	Present Days	Absent Days	Leave Days	Week-off Days
0.98 ★	**278**	**7**	**28**	**4**
Excellence Rating	Total Attendance	Total Absences	Approved Leave	Median Value

Salary Metrics

Sum of Salary	120K
Sum of Deduction	2K
Sum of Total Salary	118K

117.71K

Final Calculated Salary

98.1% of Total Possible

Performance Indicators

Total Days	Paid Days
365	**358**

0.98

Monthly Performance Trend

ℹ️ **Insights:** Employee has maintained excellent attendance rate over the year with minimal absences.

📈 **Performance Trend:** Consistently high throughout the year.

👍 **Rating:** Top 10% of employees

Attendance Tracker Dashboard

Power BI Project

Technical Implementation

Tools & Technologies

Power BI Desktop
Dashboard creation & visualization

Advanced Excel
Data preprocessing & calculations

CSV Files
Data source management

GitHub
Version control & collaboration

Data Processing Pipeline

Data Cleaning
Resolution of missing values and standardization of employee data fields

Data Transformation
Conversion of raw attendance logs into structured metrics and KPIs

Visual Design
Professional theme using black, gold, and white color scheme for optimal data visibility

Data Modeling Approach

- Structured dimension and fact tables architecture
- Optimized relationships for flexible queries
- Star schema implementation for attendance analytics
- Custom calculated measures for performance metrics

Implementation Highlights

- Interactive filters for employee ID and month selection
- Dynamic charts showing attendance trends over time
- Performance gauges for at-a-glance metrics
- Automated salary calculation based on attendance data

Skills Demonstrated

This Attendance Tracker project showcases a comprehensive range of technical and analytical competencies essential for modern data visualization and business intelligence.

Dashboard Design

- Intuitive interface creation
- Interactive visualization
- Professional layout optimization

Data Transformation

- Data cleaning & normalization
- ETL workflows & processing
- Missing value resolution

KPI Development

- Performance metric design
- Custom visualization creation
- Actionable insight generation

HR Analytics

- Employee performance tracking
- Attendance pattern analysis
- Salary calculation automation

Dashboard Storytelling

- Data narrative construction
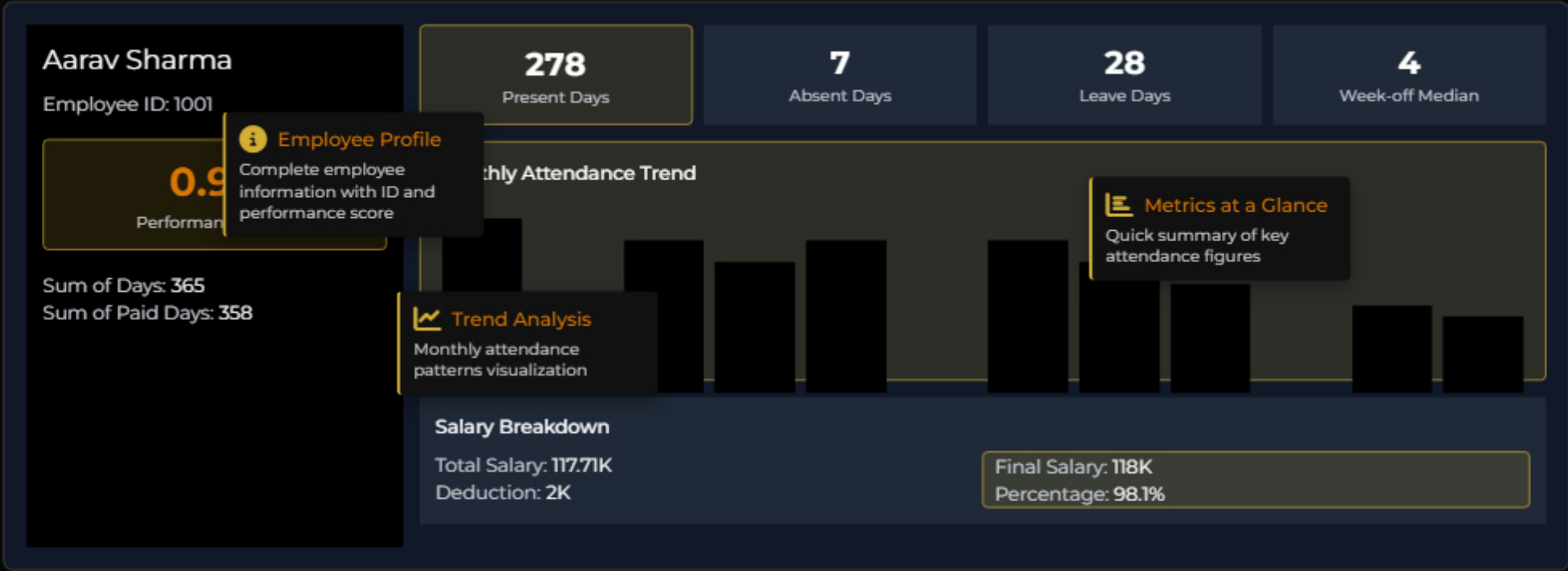- Visual hierarchy implementation
- Business insight communication

Power BI Mastery

- DAX formula development
- Advanced visualization techniques
- Cross-filtering implementation

Power BI Project

Live Demo Showcase

Experience the interactive Attendance Tracker dashboard that transforms employee data into actionable insights

Aarav Sharma
Employee ID: 1001

278	7	28	4
Present Days	Absent Days	Leave Days	Week-off Median

0.9
Perform...

ℹ **Employee Profile**
Complete employee information with ID and performance score

Sum of Days: 365
Sum of Paid Days: 358

thly Attendance Trend

📊 **Metrics at a Glance**
Quick summary of key attendance figures

📈 **Trend Analysis**
Monthly attendance patterns visualization

Salary Breakdown

Total Salary: 117.71K
Deduction: 2K

Final Salary: 118K
Percentage: 98.1%

■ Interactive Filters   ■ Data Points   ☐ Highlight Sections

Contact & Connect

About the Creator

Hi! I'm Akriti Soni, an IT professional passionate about turning data into meaningful stories. I specialize in creating interactive dashboards that transform complex data into actionable insights.

Connect on LinkedIn
in www.linkedin.com/in/akriti-soni-377660380

Let's connect professionally and exchange ideas

Explore on GitHub
github.com/Akritisoni23/Attendance-Tracker

View the complete project code and documentation

Thank You for Viewing!

I hope you found this dashboard project insightful and valuable.

Feel free to reach out with any questions or collaboration opportunities.