IBM NALAIYA THIRAN PANIMALAR ENGINEERING COLLEGE (AN AUTONOMOUS INSTITUTION)



CORPORATE EMPLOYEE ATTRITION ANALYTICS

TEAM ID: PNT2022TMID00882

TEAM MEMBERS

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1. INTRODUCTION

For our IBM Project, we chose Data Analytics as our domain, for the Nalaiya Thiran initiative. Our topic is Corporate Employee Attrition

Attrition refers to the reduction of strength or effectiveness in an organisation, i.e., employees suddenly resigning from the post due to their own reasons, which leads to the organisation not being able to complete their due work timely. In a sense, it represents the lack of competency in a company to retain their employees when necessary.

We intend to analyse such organisation's employee data and provide them with a solution for preventing such happenings, and if possible, be able to even motivate said employees to work more efficiently.

1.1 Project Overview

To identify and retain experienced, talented and interested employees
Understanding employee's interest or lack thereof in order to provide them
deserving raise and incentives for further progress
Refers to the techniques implemented by the management to help theemployees stay
with the organisation for a longer period

1.3 Purpose

The purpose of our project is to help organisations to retain their employees within, and provide them with solutions which offer proper incentives for the employees to work committedly even further.

2. LITERATURE SURVEY

2.1 Existing Problem

More along the lines of prediction, based on past behaviour andchoices, probably effecting the organisation as well

2.2 References

- 1. https://www.aihr.com/blog/employee-attrition/
- 2. http://www.zenworkplace.com/2014/07/01/cost-employee-turnover/
- 3. http://www.compensationforce.com/2016/04/2015-turnover- rates-by-industry.html
- **4.** http://www.shrm.org/Research/SurveyFindings/Documents

2.3 Problem state Definition

PROBLEM STATEMENT:

Mr. Santhosh is an HR in an esteemed Organization for the past five years. In this five years, he faced the problem in retaining the top talents and lay off the people, who |didn't perform up to the company's requirement.

- Mr. Santhosh wants to identify, why the employees voluntary leave
- He wants to know what factors must have prevented them from leaving
- He also wants to know what factors get them fired.

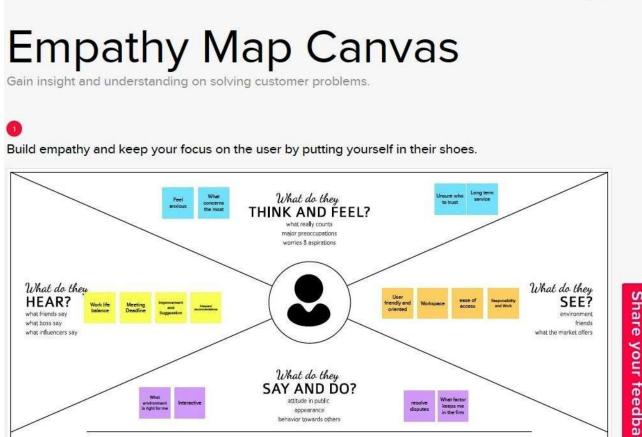
Who does the problem affect?	The person Who runs the Organization
What is the issue?	Sudden attrition rates can reduce the company's effectiveness to solve Problems. Generalities is due to the lackof properly trained employees
Why it is important that we fix theproblem?	To increase the organization's growth & effectiveness.
What is the solution to solve the issue?	Employee datasets are analyzed to identify individuals who deserve a Compensation and on the other hand also take proper actions on those who don't work properly

IDEATION & PROPOSED SOLUTION 3.

PAIN

obstacles

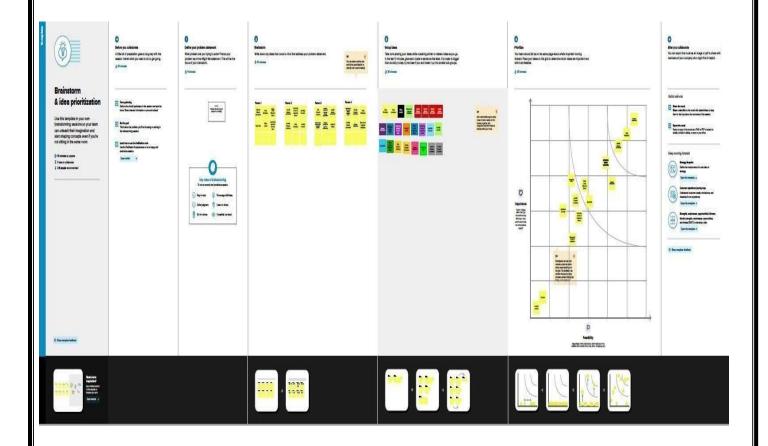
3.1 Empathy Map Canvas



GAIN

obstacles

3.2 Ideation & Brainstorming



3.3 Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The key to success in any organization is attracting and retaining top talent. As an HR analyst one of the key tasks is to determine which factors keep employees at the company and which prompt others to leave. Given in the data isa set of data points on the employees who are either currently working within the company or have resigned. The objective is to identify and improve these factors to prevent loss of good people.
2.	Idea / Solution description	concentrate on employee engagement through meaningful work, goal setting, effective communication.
3.	Novelty / Uniqueness	Based on an employee's performance, Appraisal is provided Biannually
4.	Social Impact / Customer Satisfaction	Worth for his effect
5.	Business Model (Revenue Model)	Proper work->efficient solution->client satisfaction->Increase in the demand and supply->Increased revenue for the organisation.
6.	Scalability of the Solution	Expansion in range of applications and branches due to the increased demand of the of organisation's product and reputation

3.3 Problem Solution fit

CUSTOMER SEGMENT(S) Head of the department Talent Acquisition Team	CS	6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES Various factors that are difficult to take into consideration regarding attrition	5. AVAILABLE SOLUTIONS PLUSES & MINUSES Concentrating on employee engagement through meaningful work, goal setting ar communication of worth.
2. PROBLEMS / PAINS + ITS FREQUENCY	PR	9. PROBLEM ROOT / CAUSE RC	7. BEHAVIOR + ITS INTENSITY
Develop a Solution to identify factors		1. Job Anxiety	Filtering of reciprocating employees,
Contributing to employees attrition	N.C.	Change and uncertainty Unscalable Tenure	fair compensation, renegotiation of salary and job security
		4. Negligence of effort	
	1		
t. TRIGGERS TO ACT Leaving of skillful labor from the organization leads to attrition.	TR	Based on an employee's performance, Appraisal is provided	B.CHANNELS of BEHAVIOR ONLINE: Resignation mail
Anxiety/Consolation	EM	Biannually. After analyzing the dataset with Cognos analytics	OFFLINE Lay-off

4. REQUIREMENT ANALYSIS

4.1 Functional requirement

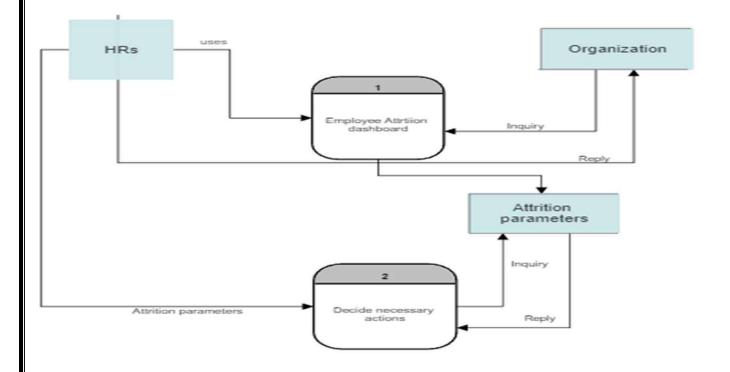
FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)		
FR-1	User Registration	Registration through Gmail		
FR-2	User Confirmation	Confirmation via EmailConfirmation via OTP		
FR-3	User Authentication	Authenticate the user's attempt to login using the database		
FR-4	Retention analysis	Employee attrition analysis by biannual or quarterly performance appraisal, Identifying the team where the major resignation happens		
FR-5	Employee management	Validating and managing the registered employee details.		
FR-6	Progress management	Maintaining the progress of each employee for Appraisals		
FR-7	Link	It is used for predicting the likely attrition factors. We'll be taking the following route for this analysis • Getting our input and storing it. • Select the necessary attributes for the Prediction • Creating Dashboard, Report & Stories • Predicting our results. • Showcase the results with the help ofdashboard, Report & Stories		

4.2 Non-Functional requirements

FR No.	Non-Functional Requirement	Description	
NFR-1	Usability	This Data Visualization shall be easy to use for allusers withminimal instructions. 100% of the languages on the graphical user interface (GUI) shallbe intuitive and understandable by non-technical users.	
NFR-2	Security	The user of the system should be provided the surety that their account details are secure.	
NFR-3	Reliability	The Link shall be operable in all conditions. The system must be less prone to errors.	
NFR-4	Performance	The performance of the system must assist the system's quality.	
NFR-5	Portability	The link shall be 100% portable to all operating platforms. Therefore, this link should not depend on the different operating systems.	
NFR-6	Scalability	The system must be able to handle an increase in workload without performance degradation.	

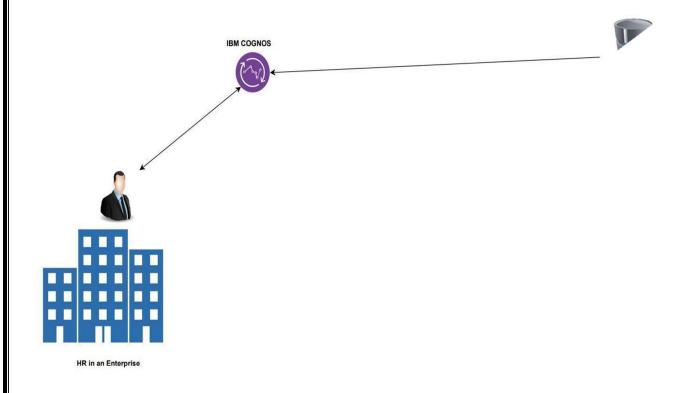
PROJECT DESIGN

5.1 Data Flow Diagrams

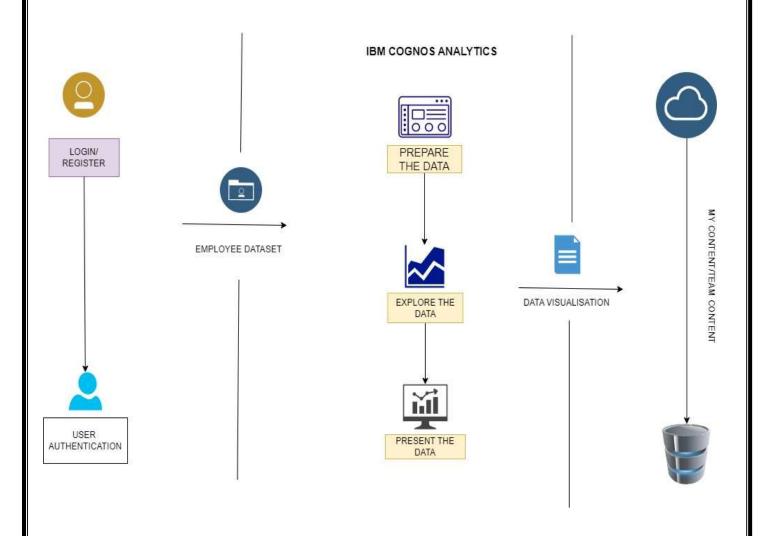


5.2 Solution & Technical Architecture

Solution Architecture



Technical Architecture



5.3 User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Employees	Registration	USN-1	The employees can register to be a part of the organization	I can access my account / dashboard	High	Sprint-1
		USN-2	As an employee, I will receive confirmation email	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As an employee, I can register for the application through Gmail	I can get a verification link through email	Medium	Sprint-1
	Login	USN-4	As a employee, I can log into the application by entering email & password	I can enter the application	High	Sprint-2
	About	USN-5	I can view the Dashboard, Story and Report for attrition rates and determining the factors leading to them	I can get an idea about the project	Low	Sprint-2
	Launch	USN-7	As a HR, I can upload various analyzed parameters from the computer through link given in the pdf	I can choose any employee ('s all parameters) from my device	High	Sprint-2
	Link	USN-8	As a HR, I can review an employee's performance and offer appraisals biannually or Quarterly	I can view the employee's parameters on the dashboard along with the attrition rate.	High	Sprint-3
		USN-9	I can also upload <u>csv</u> format of employee retention parameters from cloud.	I can view the employee's parameters on the dashboard along with the attrition rate.	Medium	Sprint-3

6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

Sprint Planning

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Preparation & Data Visualization	USN-1	As a user, I give the details of the employees working in my organization for the attrition detail.	5	High	Amjad Ahamed A
Sprint-1		USN-2	As an Analyst, I Prepare the data & Provide meaningful insights through EDA in Cognos Analytics	3	High	Mohamed Asif Salman
Sprint-2	Dashboard	USN-3	As a user, I want to find connections between various visualization that leads to attrition	2	Low	Balamurugan A
Sprint-2		USN-4	As an Analyst, I will perform exploratory data analysis in Cognos Analytics to create a interactive dashboard	3	Medium	Praveen Kumar B
Sprint-3	Report	USN-5	As a user, I want Simpler limited number of visualizations that report a particular event	3	Medium	Amjad Ahamed A
Sprint-3		USN-6	As an Analyst, I will use Cognos Analytics togenerate a report	3	Medium	Mohamed Asif Salman
Sprint-4	Story	USN-7	As a user, I can only understand the Analysis in animated presentation of dataset	5	Medium	Balamurugan. A
Sprint-4		USN-8	As an Analyst, I use Cognos Analytics to create an animated presentation (Story) ofthe dataset	3	High	Praveen Kumar B

Project Tracker, Velocity & Burndown Chart: (4 Marks)

`Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	15 Nov 2022
		3				

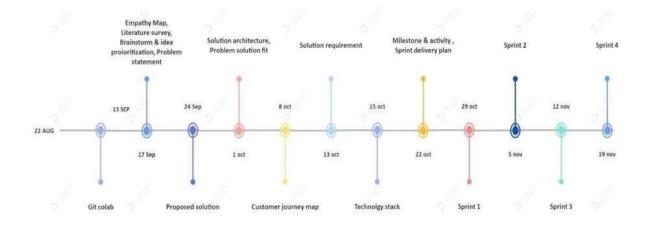
Milestone and Activity List

Activity number	Activity name	Detailed activity description	Assigned to
1	Preparation Phase		Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M
2	Ideation Phase		
2.1	Literature survey	Literature survey on the selected project & Information Gathering	Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M
2.2	Define a problem statement	Prepare the list of problem statements to understand the user needs	Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M
2.3	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M
2.4	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M

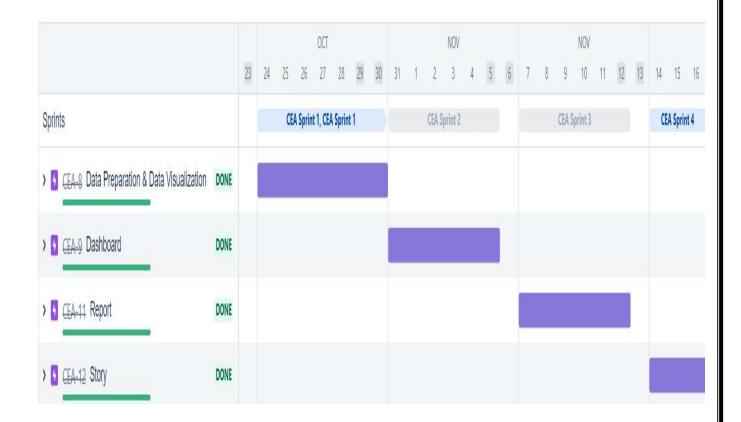
Activity number	Activity name	Detailed activity description	Assigned to
3	Project Design Phase- I		
3.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution	Praveen Kumar B, Balamurugan A
3.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem	Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M
3.3	Solution Architecture	Prepare an architecture for solution	Praveen Kumar B, Balamurugan A
4	Project Design Phase - II		
4.1	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	Praveen Kumar B, Balamurugan A
4.2	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Praveen Kumar B
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level0 (Industry Standard)	Praveen Kumar B, Balamurugan A
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Praveen Kumar B, Balamurugan A Amjad Ahamed A, Mohamed Asif Salman M

5	Project Planning Phase		
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Praveen Kumar B, Balamurugan A
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Praveen Kumar B, Balamurugan A
6	Project Development Phase		
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Praveen Kumar B, Balamurugan A
6.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Amjad Ahamed A, Mohamed Asif Salman M
6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Praveen Kumar B, Balamurugan A

6.2 Sprint Delivery Schedule



6.3 Reports from JIRA



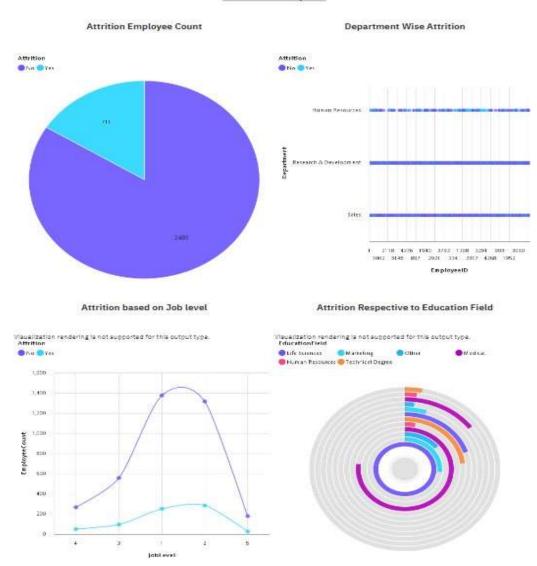
7. CODING & SOLUTIONING

7.1 Feature 1



7.2.1 Feature 2

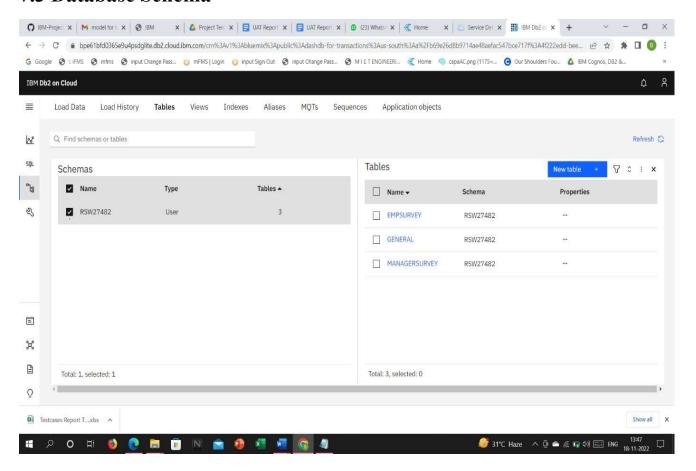
Attrition Report



7.2.2 Feature 2

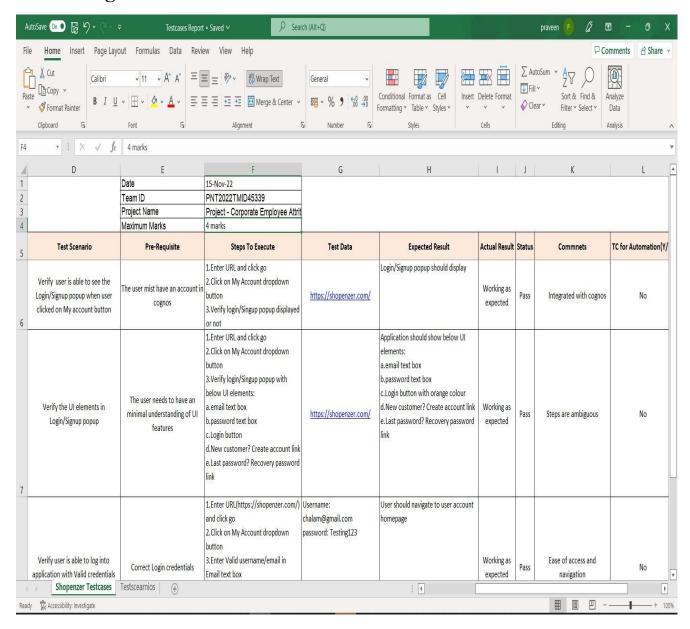


7.3 Database Schema



8. Testing

8.1 Testing Cases



8.2 User Acceptance Testing

Acceptance Testing UAT Execution & Report Submission

Date	15 November 2022
Team ID	PNT2022TMID45339
Project Name	Project – Corporate Employee Attrition
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the [Attrition Cognos] project at the time of the release to User Acceptance Testing (UAT).

2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	77

9. Results

9.1 Performance Metrics

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visualizations / Graphs - 11
2.	Data Responsiveness	Dynamic Responses
3.	Amount Data to Rendered (DB2 Metrics)	Connect anonymously Schema = RSW27482 (3/3)
4.	Utilization of Data Filters	Attrition= no, exclusively for most cases
5.	Effective User Story	No of Scene Added - 3
6.	Descriptive Reports	No of Visulizations / Graphs - 4

Advantages & Disadvantages

Advantages

- 1. Retaining of talented employees
- 2. Constant incentives lead to more productive work from employees
- 3. Much livelier work environments
- 4. Loyalty benefits
- 5. Satisfied employees with improved worklife balance
- 6. Provides accurate appraisal methods

Disadvantages

- 1. Dependency on third party analysts
- 2. Employee details privacy concern
- 3. Destructures the classic delegation of authority
- 4. Need for an cognos account

CONCLUSION

While employee attrition isn't necessarily a bad thing, you should do your best to monitor the pulse of your workplace to stop it in its tracks as early as you can. Similar to turnover, it's an important metric that tells a lot about your employer branding, hiring practices, and overall workplace culture.

Future Scope

The ever enhancing, more visual and better representation of unstructured data. It could also be integrated into custom applications within individual organisation. As the use of such techniques increases and more better solutions are identified, after acertain point, the underlying analysing pattern can even be automated.

11. Appendix

Source code

```
!DOCTYPE html
 html lang="en">
 head>
  <meta charset="utf-8">
  <meta content="width=device-width, initial-scale=1.0" name="viewport">
  <title>Attrition Cognos</title>
  <meta content="" name="description">
  <meta content="" name="keywords">
  <!-- Favicons -->
  <link href="assets/img/favicon.png" rel="icon">
  k href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
  <!-- Google Fonts -->
  link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,
600i,700,700i|Jost:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,30
0i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
  <!-- Vendor CSS Files -->
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
  link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
  k href="assets/vendor/bootstrap-icons/bootstrap-icons.css"rel="stylesheet">
  link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
  k href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
  link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
  link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">
  <!-- Template Main CSS File -->
  <link href="assets/css/style.css" rel="stylesheet">
  * Template Name: Arsha - v4.9.1
  * Template URL: https://bootstrapmade.com/arsha-free-bootstrap-html-template-corporate/
 /head>
```

```
<header id="header" class="fixed-top ">
    <div class="container d-flex align-items-center">
      <h1 class="logo me-auto"><a href="index.html">ATTRITION COGNOS</a></h1>
      <!-- Uncomment below if you prefer to use an image logo -->
src="assets/img/logo.png" alt="" class="img-fluid"></a>-->
      <nav id="navbar" class="navbar">
           <a class="nav-link scrollto active" href="#hero">Home</a>
           <a class="nav-link scrollto" href="#about">About</a>
           <!-- <li><a class="nav-link scrollto"
           <!-- <li><a class="nav-link"
href="#portfolio">Portfolio</a> -->
           <a class="nav-link scrollto" href="#team">Team</a>
           <!-- <li>class="dropdown"><a href="#"><span>Drop Down</span> <iclass="bi bi-
chevron-down"></i></a>
                <a href="#">Drop Down 1</a>
               <a href="#"><span>Deep Drop Down</span> <iclass="bi bi-</pre>
                        a href="#">Deep Drop Down 1</a>
                        <a href="#">Deep Drop Down 2</a>
                        <a href="#">Deep Drop Down 3</a>
                        <a href="#">Deep Drop Down 4</a>
                        <a href="#">Deep Drop Down 5</a>
               <a href="#">Drop Down 2</a>
               <a href="#">Drop Down 3</a>
               <a href="#">Drop Down 4</a>
           <a class="nav-link scrollto" href="#contact">Contact</a>
           <a class="getstarted scrollto" href="#about">GetStarted</a>
         <i class="bi bi-list mobile-nav-toggle"></i>
  </header><!-- End Header -->
```

```
<!-- ===== Hero Section ====== -->
  <section id="hero" class="d-flex align-items-center">
     <div class="container">
       <div class="row">
          <div class="col-lg-6 d-flex flex-column justify-content-center pt-4pt-lg-0 order-2 order-lg-</p>
1" data-aos="fade-up" data-aos-delay="200">
           <h1>Better Solutions For Your Enterprises</h1>
         <!-- <h2>We are team of talented designers making websites withBootstrap</h2>-->
             <div class="d-flex justify-content-center justify-content-lg-start">
               <a href="#about" class="btn-get-started scrollto">Get Started</a>
               <a href="https://www.youtube.com/watch?v=jDDaplaOz7Q" class="glightbox btn-watch-
video"><i class="bi bi-play-circle"></i><span>WatchVideo</span></a>
                    <a href="https://github.com/IBM-EPBL/IBM-
Project-32334-1660209274" target=" blank"><img src="assets/img/github.svg" width="50px"
height="50px"></a>
          <div class="col-lg-6 order-1 order-lg-2 hero-img" data-aos="zoom-in"data-aos-</pre>
delay="200">
             <img src="assets/img/hero-img.png" class="img-fluid animated"</pre>
alt="">
  </section><!-- End Hero -->
  <main id="main">
     <section id="clients" class="clients section-bg">
       <div class="container">
          <!--<div class="row" data-aos="zoom-in">
             <div class="col-lg-2 col-md-4 col-6 d-flex align-items-centerjustify-content-</pre>
center">
               <img src="assets/img/clients/client-1.png" class="img-fluid"</pre>
             <div class="col-lg-2 col-md-4 col-6 d-flex align-items-centerjustify-content-</pre>
center">
```

```
<img src="assets/img/clients/client-2.png" class="img-fluid"</pre>
             <div class="col-lg-2 col-md-4 col-6 d-flex align-items-centerjustify-content-</pre>
center">
                <img src="assets/img/clients/client-3.png" class="img-fluid"</pre>
             <div class="col-lg-2 col-md-4 col-6 d-flex align-items-centerjustify-content-</pre>
                <img src="assets/img/clients/client-4.png" class="img-fluid"</pre>
                <img src="assets/img/clients/client-5.png" class="img-fluid"</pre>
             <div class="col-lg-2 col-md-4 col-6 d-flex align-items-centerjustify-content-</pre>
                <img src="assets/img/clients/client-6.png" class="img-fluid"</pre>
     </section><!-- End Cliens Section -->
     <!-- ==== About Us Section ==
     <section id="about" class="about">
        <div class="container" data-aos="fade-up">
          <div class="section-title">
             <h2>About</h2>
```

<h5>The key to success in any organization is attracting and retainingtop talent. As an HR analyst one of the key task is to determine which factorskeep employees at the company and which prompt others to leave. Given in the data is a set of data points on the employees who are either currently working within the company or have resigned. The objective is to identify and improve these factors to prevent loss of good people.

```
<!-- <div class="row content">
            <div class="col-lg-6">
                 <i class="ri-check-double-line"></i> Praveen Kumar
(Lead)
                 i><i class="ri-check-double-line"></i> Amjad Ahamed
                 <i class="ri-check-double-line"></i> Mohamed Asif
            <div class="col-lg-6 pt-4 pt-lg-0">
                 <h3>MIET Engineering College</h3><br>Final
                 Year Students
               <a href="#" class="btn-learn-more">Learn More</a>
    </section><!-- End About Us Section -->
   <!-- <section id="why-us" class="why-us section-bg">
       <div class="container-fluid" data-aos="fade-up">
         <div class="row">
            <div class="col-lg-7 d-flex flex-column justify-content-centeralign-items-stretch"</pre>
order-2 order-lg-1">
src="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.m
y folders%2FDashboard%2FEmployee%2BAttrition%2BDashboard&closeWindowOnLast
              <div class="content">
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor <div class="accordion-list"> <div id="accordion-list-1" class="collapse show" data-bs-parent=".accordion-</pre> Feugiat pretium nibh ipsum consequat. Tempus iaculis urna id volutpat lacus laoreet non curabitur gravida. Venenatis lectus magnafringilla urna porttitor rhoncus dolor purus class="collapsed">02 Feugiat scelerisque varius morbienim nunc? <i class="bx bxchevron-down icon-show"></i><i class="bx bx- chevron-up icon-close"></i> parent=".accordion-list"> Dolor sit amet consectetur adipiscing elit pellentesquehabitant morbi. Id <a data-bs-toggle="collapse" data-bs-target="#accordion- list-3" class="collapsed">03 Dolor sit amet consectetur adipiscing elit? <i class="bx bxparent=".accordion-list">

```
Eleifend mi in nulla posuere sollicitudin aliquam ultrices sagittis orci. Faucibus pulvinar elementum integer enim. Sem nulla pharetra diam sit amet nisl suscipit. Rutrum tellus pellentesque eu tincidunt.Lectus urna duis convallis convallis tellus. Urna molestie at elementum eu facilisis sed odio morbi quis
```

```
image: url("assets/img/why-us.png"); data-aos="zoom-in"data-aos-delay="150"> </div>
    <section id="why-us" class="why-us section-bg">
       <div class="container-fluid" data-aos="fade-up">
           h2{
              text-align: center;color:
              #37517E;
         <h2>Attrition Dashbord</h2>
         <div class="container" data-aos="fade-up"></div>
         <iframe src="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRef=.m</pre>
y folders%2FDashboard%2FEmployee%2BAttrition%2BDashboard&closeWindowOnLast
View=true&ui appbar=false&ui navbar=false&shareMode=embedded&a
ction=view&mode=dashboard&subView=model000001841893cffb 00000000" width="1500"
height="1000" frameborder="0" gesture="media" allow="encrypted- media"
allowfullscreen=""></iframe>
         <div class="row">
    <!-- ===== Skills Section ====== -->
    <section id="skills" class="skills">
       <div class="container" data-aos="fade-up">
         <div class="row">
```

```
<div class="col-lg-6 d-flex align-items-center" data-aos="fade-right" data-aos-</pre>
delay="100">
                <img src="assets/img/skills.png" class="img-fluid" alt="">
             <div class="col-lg-6 pt-4 pt-lg-0 content" data-aos="fade-left"data-aos-delay="100">
                     <h3>Technologies Used</h3>
                   Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed doeiusmod tempor
incididunt ut labore et dolore
                <div class="skills-content">
                  <div class="progress">
                     <span class="skill">HTML <i class="val">60%</i></span>
                     <div class="progress-bar-wrap">
                        <div class="progress-bar" role="progressbar" aria-valuenow="60"</pre>
aria-valuemin="0" aria-valuemax="100"></div>
                  <div class="progress">
                     <span class="skill">CSS <i class="val">50%</i></span>
                     <div class="progress-bar-wrap">
                        <div class="progress-bar" role="progressbar" aria-valuenow="50"</pre>
aria-valuemin="0" aria-valuemax="100"></div>
                  <div class="progress">
                     <span class="skill">JavaScript <i class="val">30</i></span>
                     <div class="progress-bar-wrap">
                        <div class="progress-bar" role="progressbar" aria-valuenow="30"</pre>
aria-valuemin="0" aria-valuemax="100"></div>
                  <div class="progress">
                     <span class="skill">Cognos Analytics <i</pre>
class="val">100%</i></span>
                     <div class="progress-bar-wrap">
                        <div class="progress-bar" role="progressbar" aria-valuenow="100"</pre>
aria-valuemin="0" aria-valuemax="100"></div>
```

```
</section><!-- End Skills Section -->
          ==== Team Section ===== -->
     <section id="team" class="team section-bg">
       <div class="container" data-aos="fade-up">
          <div class="section-title">
             <h2>Team</h2>
             Magnam dolores commodi suscipit. Necessitatibus eius consequatur ex aliquid fuga eum
quidem. Sit sint consectetur velit. Quisquam quos quisquamcupiditate. Et nemo qui impedit suscipit alias
ea. Quia fugiat sit in iste officiis commodi quidem hic quas.
          <div class="row">
             <div class="col-lg-6">
               <div class="member d-flex align-items-start" data-aos="zoom-in"data-aos-</pre>
delay="100">
                  <div class="pic"><img src="assets/img/team/team-1.png"class="img-</pre>
fluid" alt=""></div>
                  <div class="member-info">
                     <h4>Praveen Kumar</h4>
                     <span>Team Head
                    <!-- <p>Explicabo voluptatem mollitia et repellat qui dolorum
                    <div class="social">
                       <a href=""><i class="ri-twitter-fill"></i></a>
                       <a href=""><i class="ri-facebook-fill"></i></a>
                       <a href=""><i class="ri-instagram-fill"></i></a>
                       <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
             <div class="col-lg-6 mt-4 mt-lg-0">
               <div class="member d-flex align-items-start" data-aos="zoom-in"data-aos-</pre>
delay="200">
```

```
<div class="pic"><img src="assets/img/team/team-2.png"class="img-</pre>
fluid" alt=""></div>
                  <div class="member-info">
                     <h4>Balamurugan</h4>
                     <span>Team Member</span>
                     <!--<p>Aut maiores voluptates amet et quis praesentium quisenda para -->
                     <div class="social">
                       <a href=""><i class="ri-twitter-fill"></i></a>
                       <a href=""><i class="ri-facebook-fill"></i></a>
                       <a href=""><i class="ri-instagram-fill"></i></a>
                       <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
             <div class="col-lg-6 mt-4">
               <div class="member d-flex align-items-start" data-aos="zoom-in"data-aos-</pre>
delay="300">
                  <div class="pic"><img src="assets/img/team/team-3.png"class="img-</pre>
fluid" alt=""></div>
                  <div class="member-info">
                     <h4>Amjad Ahamed</h4>
                     <span>Team Member
                   <!-- <p>Quisquam facilis cum velit laborum corrupti fuga rerum
                    <div class="social">
                       <a href=""><i class="ri-twitter-fill"></i></a>
                       <a href=""><i class="ri-facebook-fill"></i></a>
                       <a href=""><i class="ri-instagram-fill"></i></a>
                       <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
             <div class="col-lg-6 mt-4">
               <div class="member d-flex align-items-start" data-aos="zoom-in"data-aos-</pre>
delay="400">
                  <div class="pic"><img src="assets/img/team/team-4.png"class="img-</pre>
fluid" alt=""></div>
                  <div class="member-info">
                     <h4>Mohamed Asif Salman</h4>
                     <span>Team Member</span>
                     <div class="social">
```

```
<a href=""><i class="ri-twitter-fill"></i>
                      <a href=""><i class="ri-facebook-fill"></i></a>
                      <a href=""><i class="ri-instagram-fill"></i></a>
                      <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
     </section><!-- End Team Section -->
            <h2>Attrition Stories</h2>
            <i frame src="https://us3.ca.analytics.ibm.com/bi/?perspective=story&amp;pathRef=.my fo
lders%2FStory%2FAttrition%2BStory&closeWindowOnLastView=true&ui appbar
=false&ui navbar=false&shareMode=embedded&action=view&sceneId=
model0000018422b863e1 00000000&sceneTime=0" width="1000" height="1000" frameborder="0"
gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
     <!--- ===== Frequently Asked Questions Section ====== -->
    <section id="faq" class="faq section-bg">
       <div class="container" data-aos="fade-up">
          <div class="section-title">
            <h2>Frequently Asked Questions</h2>
            Magnam dolores commodi suscipit. Necessitatibus eius consequatur ex aliquid fuga eum
quidem. Sit sint consectetur velit. Quisquam quos quisquamcupiditate. Et nemo qui impedit suscipit alias
ea. Quia fugiat sit in iste officiis commodi quidem hic quas.
          <div class="faq-list">
               data-aos="fade-up" data-aos-delay="100">
                 <i class="bx bx-help-circle icon-help"></i> <a data-bs- toggle="collapse"
class="collapse" data-bs-target="#faq-list-1">What are theexisting solutions? <i class="bx bx-chevron-
down icon-show"></i><i class="bxbx-chevron-up icon-close"></i></a>
                 <div id="faq-list-1" class="collapse show" data-bs-parent=".faq-</pre>
list">
```

```
More along the lines of prediction, based on past behaviourand choices, probably
effecting the organisation as well
                data-aos="fade-up" data-aos-delay="200">
                   <i class="bx bx-help-circle icon-help"></i> <a data-bs- toggle="collapse" data-bs-
target="#faq-list-2" class="collapsed">What is theproposed solution? <i class="bx bx-chevron-down
icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                   <div id="faq-list-2" class="collapse" data-bs-parent=".faq-</pre>
list">
                        Identifying employees interest or lack of thereof inorder to
provide them deserving raise and incentives for further improvement
                data-aos="fade-up" data-aos-delay="300">
                   <i class="bx bx-help-circle icon-help"></i> <a data-bs- toggle="collapse" data-bs-
target="#faq-list-3" class="collapsed">How does this differ from existing ones?<i class="bx bx-chevron-
down icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                   <div id="faq-list-3" class="collapse" data-bs-parent=".faq-</pre>
list">
                        We don't exactly dwell on predictive algorithms, but rather
take the employees current behavior and performance
                data-aos="fade-up" data-aos-delay="400">
                   <i class="bx bx-help-circle icon-help"></i> <a data-bs- toggle="collapse" data-bs-
target="#faq-list-4" class="collapsed">How is this going to benefit an enterprise?<i class="bx bx-
chevron-down icon-show"></i><iclass="bx bx-chevron-up icon-close"></i></a>
                   <div id="faq-list-4" class="collapse" data-bs-parent=".faq-</pre>
list">
                        Retaining experienced and talented employees provides faster
and productive solutions
```

```
data-aos="fade-up" data-aos-delay="500">
                  <i class="bx bx-help-circle icon-help"></i> <a data-bs- toggle="collapse" data-bs-
target="#faq-list-5" class="collapsed">What are theperformance metrics to be considered? <i class="bx
bx-chevron-down icon- show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                  <div id="faq-list-5" class="collapse" data-bs-parent=".faq-</pre>
list">
                       Environmental satisfaction, <br/> Worklife
                       balance, <br>
                       Ability and interest of employees. <br/> <br/>
     </section><!-- End Frequently Asked Questions Section -->
     <!-- ===== Contact Section ====== -->
     <section id="contact" class="contact">
        <div class="container" data-aos="fade-up">
          <div class="section-title">
             <h2>Contact</h2>
          <div class="row">
             <div class="col-lg-5 d-flex align-items-stretch">
                <div class="info">
                  <div class="address">
                     <i class="bi bi-geo-alt"></i>
                     <h4>Location:</h4>
                     Trichy, Tamil Nadu, India
                  <div class="email">
                     <i class="bi bi-envelope"></i>
                     <h4>Email:</h4>
                     confidenceIllathaBoys@gmail.com
                  <div class="phone">
                     <i class="bi bi-phone"></i>
```

```
<h4>Call:</h4>
                    +91 98765 43210
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d125406.10799859573!
2d78.61898698570937!3d10.815836759161419!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13
.1!3m3!1m2!1s0x3baaf50ff2aecdad%3A0x6de02c3bedbbaea6!2sTiruchirappalli%2C%20Ta
mil%20Nadu!5e0!3m2!1sen!2sin!4v1668669149973!5m2!1sen!2sin" width="600" height="450"
style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-downgrade">
            <div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-stretch">
               <form action="forms/contact.php" method="post" role="form"class="php-</pre>
email-form">
                 <div class="row">
                    <div class="form-group col-md-6">
                      <label for="name">Your Name</label>
                      <input type="text" name="name" class="form-control"id="name"</pre>
required>
                    <div class="form-group col-md-6">
                      <label for="name">Your Email
                      <input type="email" class="form-control" name="email"id="email"</pre>
required>
                 <div class="form-group">
                    <label for="name">Subject</label>
                    <input type="text" class="form-control" name="subject"id="subject"</pre>
required>
                 <div class="form-group">
                    <label for="name">Message</label>
                    <textarea class="form-control" name="message" rows="10"
required></textarea>
                 <div class="my-3">
                    <div class="loading">Loading</div>
                    <div class="error-message"></div>
                    <div class="sent-message">Your message has been sent. Thank
you!</div>
```

```
<div class="text-center"><button type="submit">Send
Message</button></div>
  </main><!-- End #main -->
  <!-- ====== Footer ======
  <footer id="footer">
    <div class="footer-newsletter">
       <div class="container">
            <div class="col-lg-6">
magna
                 <input type="email" name="email"><input type="submit"</pre>
     <div class="footer-top">
       <div class="container">
          <div class="row">
           <!-- <div class="col-lg-3 col-md-6 footer-contact">
               <h3>Arsha</h3>
                 York, NY 535022<br/>br>United
                 <strong>Email:</strong>info@example.com<br>
               <h4>Useful Links</h4>
```

```
us</a>
            <div class="col-lg-3 col-md-6 footer-links">
              <h4>Our Services</h4>
Development</a>
                 <i class="bx bx-chevron-right"></i> <a href="#">Product</a>
            <div class="col-lg-3 col-md-6 footer-links">
              <h4>Our Social Networks</h4>
              Feel free to contact 
              <div class="social-links mt-3">
                 <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
                 <a href="#" class="facebook"></i></a>
                 <a href="#" class="instagram"><i class="bx bxl-
instagram"></i></a>
                 <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
                 <a href="#" class="linkedin"></i>i class="bx bxl-linkedin"></i>/a>
    <div class="container footer-bottom clearfix">
```

```
<div class="copyright">
          © Copyright <strong><span>Attrition Cognos</span></strong>. AllRights Reserved
        <div class="credits">
          <!-- You can delete the links only if you purchased the pro version. -
          <!-- Licensing information: https://bootstrapmade.com/license/ -->
          <!-- Purchase the pro version with working PHP/AJAX contact form:
https://bootstrapmade.com/arsha-free-bootstrap-html-template-corporate/ -->
  </footer><!-- End Footer -->
  <div id="preloader"></div>
  <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-
arrow-up-short"></i></a>
  <!-- Vendor JS Files -->
  <script src="assets/vendor/aos/aos.js"></script>
  <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
  <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
  <scriptsrc="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
  <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
  <script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
  <script src="assets/vendor/php-email-form/validate.js"></script>
  <script src="assets/js/main.js"></script>
```

https://github.com/l	https://github.com/IBM-EPBL/IBM-Project-4695-1658737954				