

## Dataset 1: Coinbase Dataset

<b>Age</b>	The age of the employee. (Numerical)														
<b>Attrition</b>	<p>Whether or not the employee has left the organization. (Categorical)</p> <p><b>Legend:</b></p> <table><tr><td>0</td><td>Stay</td></tr><tr><td>1</td><td>Leave</td></tr></table>	0	Stay	1	Leave										
0	Stay														
1	Leave														
<b>BusinessTravel</b>	<p>The frequency of business travel for the employee. (Categorical)</p> <p><b>Legend:</b></p> <table><tr><td>0</td><td>Non Travel</td></tr><tr><td>1</td><td>Travel Rarely</td></tr><tr><td>2</td><td>Travel Frequently</td></tr></table>	0	Non Travel	1	Travel Rarely	2	Travel Frequently								
0	Non Travel														
1	Travel Rarely														
2	Travel Frequently														
<b>Department</b>	<p>The department the employee works in. (Categorical)</p> <p><b>Legend:</b></p> <table><tr><td>0</td><td>Business Operations and Strategy</td></tr><tr><td>1</td><td>Engineering</td></tr><tr><td>2</td><td>Finance and Accounting</td></tr><tr><td>3</td><td>Human Resources</td></tr><tr><td>4</td><td>Marketing and Communications</td></tr><tr><td>5</td><td>Product Research &amp; Development</td></tr><tr><td>6</td><td>Security and Privacy</td></tr></table>	0	Business Operations and Strategy	1	Engineering	2	Finance and Accounting	3	Human Resources	4	Marketing and Communications	5	Product Research & Development	6	Security and Privacy
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1	Engineering														
2	Finance and Accounting														
3	Human Resources														
4	Marketing and Communications														
5	Product Research & Development														
6	Security and Privacy														
<b>Education</b>	The level of education achieved by the employee. (Categorical)														

<b>EnvironmentSatisfaction</b>	The employee's satisfaction with their work environment. (Categorical)														
<b>Gender</b>	<p>The gender of the employee. (Categorical)</p> <p><b>Legend:</b></p> <table border="1"> <tr> <td>0</td><td>Female</td></tr> <tr> <td>1</td><td>Male</td></tr> </table>	0	Female	1	Male										
0	Female														
1	Male														
<b>JobInvolvement</b>	The level of involvement required for the employee's job. (Categorical)														
<b>JobLevel</b>	The job level of the employee. (Categorical)														
<b>JobRole</b>	<p>The role of the employee in the organization. (Categorical)</p> <p><b>Legend:</b></p> <table border="1"> <tr> <td>0</td><td>Software Engineer</td></tr> <tr> <td>1</td><td>Product Specialist</td></tr> <tr> <td>2</td><td>Business Operations</td></tr> <tr> <td>3</td><td>Finance</td></tr> <tr> <td>4</td><td>Information Security</td></tr> <tr> <td>5</td><td>Manager</td></tr> <tr> <td>6</td><td>Marketing &amp; HR</td></tr> </table>	0	Software Engineer	1	Product Specialist	2	Business Operations	3	Finance	4	Information Security	5	Manager	6	Marketing & HR
0	Software Engineer														
1	Product Specialist														
2	Business Operations														
3	Finance														
4	Information Security														
5	Manager														
6	Marketing & HR														
<b>JobSatisfaction</b>	The employee's satisfaction with their job. (Categorical)														
<b>MaritalStatus</b>	<p>The marital status of the employee. (Categorical)</p> <p><b>Legend:</b></p> <table border="1"> <tr> <td>0</td><td>Divorced</td></tr> </table>	0	Divorced												
0	Divorced														

	<table><tr><td>1</td><td>Married</td></tr><tr><td>2</td><td>Single</td></tr></table>	1	Married	2	Single
1	Married				
2	Single				
MonthlyIncome	The monthly income of the employee. (Numerical)				
NumCompaniesWorked	The number of companies the employee has worked for. (Numerical)				
OverTime	Whether or not the employee works overtime. (Categorical)				
PercentSalaryHike	The percentage of salary hike for the employee. (Numerical)				
PerformanceRating	The performance rating of the employee. (Categorical)				
RelationshipSatisfaction	The employee's satisfaction with their relationships. (Categorical)				
StockOptionLevel	The stock option level of the employee. (Numerical)				
TotalWorkingYears	The total number of years the employee has worked. (Numerical)				
TrainingTimesLastYear	The number of times the employee was taken for training in the last year. (Numerical)				
WorkLifeBalance	The employee's perception of their work-life balance. (Categorical)				
YearsAtCompany	The number of years the employee has been with the company. (Numerical)				
YearsInCurrentRole	The number of years the employee has been in their current role. (Numerical)				
YearsSinceLastPromotion	The number of years since the employee's last promotion. (Numerical)				

<b>YearsWithCurrManager</b>	The number of years the employee has been with their current manager. (Numerical)
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## Dataset 2: Stack Overflow Developer Survey

<b>Professional</b>	The respondent's profession (Categorical)
<b>Countries</b>	Country the respondent is working in (Categorical)
<b>EmploymentStatus</b>	Employment Status of the respondent (Categorical)
<b>CompanySize</b>	What is the size of the company the respondent is working at? (Categorical)
<b>CompanyType</b>	What is the type of company the respondent is working at? (Categorical)
<b>JobSatisfaction</b>	Job Satisfaction Rating from 1 to 10 (Categorical)
<b>JobSeekingStatus</b>	Is the respondent actively seeking for job opportunities? (Categorical)
<b>ImportantBenefits</b>	<p>What are the most important benefits to the respondent? (Text/Categorical)</p> <p>Benefits include:</p> <ul style="list-style-type: none"><li>• Retirement</li><li>• Vacation/days off</li><li>• Health benefits</li><li>• Charitable match</li><li>• Annual bonus</li><li>• Expected work hours</li><li>• Equipment</li><li>• Remote options</li><li>• Long-term leave</li><li>• Private office</li><li>• Professional development sponsorship</li><li>• Meals</li><li>• Stock options</li><li>• Education sponsorship</li><li>• Child/elder care</li></ul>