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| [InterviewQs](http://url4828.interviewqs.com/ls/click?upn=qwT-2Bl0U064-2B7oRNpPgUya7ecPmGRwE2khpP-2F5cNr-2FmX-2B6PqYxRHzWlRa-2B8ecgLBA9-2BqgBN6N-2BlN6LynvPDDX8gP5GJnL7P-2FdFw86KOd0IkE-3Dp7tY_IX5HKWnhXeILdZHF1orS-2BlB9GK8lB7SYfPoy-2FMuH4KRohMZLpajhsnIOVcXh9Dl1-2FEM0gexeUVi2uV8saiYk-2BIoemGnh34m-2BtT-2BROOE0Lc-2Bkopd6Z27bKGuv7dOuQ73sXkNsOgMybAyt1cBiJAwdfrsAeeJh5bJa8Hot90W16qZ7R-2BtpW-2FgA186GOcU67cb63-2BA9V-2BLX0nCDHO6el44A3ZxxMBtrL9oD54JFg7HJLXvciFdfeEsbsfbbsc-2BMbQpEbzpCmJTaLa7LLg-2BPTVbWFgAp-2FaVPVZyWf4qoUg5Q7sCpmstew4sYGWeYzBPCw1uDANjoUTldNsc6wd5bOD9KYFBwyDci-2BJYHTLmXlSG6lPJvXUMcJ-2BoSNSceoh9ALP5s) |

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| **Employee Attrition** |

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| ***Data Analysis, Python, Pandas, Data Manipulation, Correlation, Pearson's R, External Dataset*** |

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| Hi,  The following [dataset](http://url4828.interviewqs.com/ls/click?upn=qwT-2Bl0U064-2B7oRNpPgUya51JFUDgj241ZqJOHGqS8eD4tjNEUUiE84jSUq3UK-2FXXCI-2FS0fZ3xFQdjhUDh8xz-2BuhsFB1mH1862nQ-2FY4ZybvMF-2F2cs0iOwKCE8rVHQUKQUhMKa_IX5HKWnhXeILdZHF1orS-2BlB9GK8lB7SYfPoy-2FMuH4KRohMZLpajhsnIOVcXh9Dl1-2FEM0gexeUVi2uV8saiYk-2BIoemGnh34m-2BtT-2BROOE0Lc-2Bkopd6Z27bKGuv7dOuQ73sXkNsOgMybAyt1cBiJAwdfrsAeeJh5bJa8Hot90W16qZ7R-2BtpW-2FgA186GOcU67cb63-2BA9V-2BLX0nCDHO6el44A3ZxxMBtrL9oD54JFg7HJLXt4abP0uS6HpAZptyJ4Dt918wDHYn-2BlZZKPRBxeL3Yo3yDZdwcPJQ-2BB2d1yK3fr8PVJlF8QQ2E97MddmUN-2BKUOY9sz7vobemo9WCXb4K1I0vABu-2BwRxq-2BUBqn9CQ0-2F24kCam1f2j61-2ByA6tlEL-2FdZv9) contains the following fields that describe employee attrition for a company:   * satisfaction\_level: value between 0 - 1 that describes how satisfied the employee was at their current role * last\_evaluation: value between 0 - 1 that describes how well the employee performed * number\_project: number of projects the employee was on * average\_montly\_hours: average number of hours worked monthly time\_spend\_company: number of years at the company * work\_accident: boolean for if the employee has been in an accident at work * left: boolean that describes if the employee has left the company * role: employee's role * salary: low, medium, high --> indicates how high employee salary was   Can you describe which factors are the strongest indicator if an employee is going to attrit? Hint: If you're having trouble finding a starting point, you can reference this [method](http://url4828.interviewqs.com/ls/click?upn=qwT-2Bl0U064-2B7oRNpPgUya5QQs9B7-2B1rj96Ze-2FjztJuc-2FrL4f9w3VpVhBp0MoA05isugHEk-2FQlJ-2BIqoe7T4Pvhp9K8H8tkr7V2hA4LgFuR-2BpWY-2FGU0WIV5RGcxhF99wTSaxNp_IX5HKWnhXeILdZHF1orS-2BlB9GK8lB7SYfPoy-2FMuH4KRohMZLpajhsnIOVcXh9Dl1-2FEM0gexeUVi2uV8saiYk-2BIoemGnh34m-2BtT-2BROOE0Lc-2Bkopd6Z27bKGuv7dOuQ73sXkNsOgMybAyt1cBiJAwdfrsAeeJh5bJa8Hot90W16qZ7R-2BtpW-2FgA186GOcU67cb63-2BA9V-2BLX0nCDHO6el44A3ZxxMBtrL9oD54JFg7HJLXuYZrTTT8e3dp3SK7FJoxUOg3Ktm9Mx8YKvxz0xiDlQjDf0Mkkdi1-2F2ZWAryd7sDjaY9VlCZ8wSV73p1useU6PrV5v3wDQkGBaeP7yZbI08EBTGpy8jdTZXngzTnm9arBJFtXDyiuGzB2yIP1IV-2B8yk) and this [wikipedia page](http://url4828.interviewqs.com/ls/click?upn=qwT-2Bl0U064-2B7oRNpPgUya2MDSsqRZgJKYpdTORZxvd78R0SouieZzBStI9aFFVLAp75Q3SMLkPTHSEviuDW5zMnbpmJXn-2FRovX2gQSdtrBA-3D-SWq_IX5HKWnhXeILdZHF1orS-2BlB9GK8lB7SYfPoy-2FMuH4KRohMZLpajhsnIOVcXh9Dl1-2FEM0gexeUVi2uV8saiYk-2BIoemGnh34m-2BtT-2BROOE0Lc-2Bkopd6Z27bKGuv7dOuQ73sXkNsOgMybAyt1cBiJAwdfrsAeeJh5bJa8Hot90W16qZ7R-2BtpW-2FgA186GOcU67cb63-2BA9V-2BLX0nCDHO6el44A3ZxxMBtrL9oD54JFg7HJLXua4sk-2FSaokJJZQ8tfXjCpqUSNi6lIsetCba-2BoTeu807lWT9acdXvHlFZ90VZCspDB8kqfIzmidkQnvlSm5qptTYdbwjsIdvZwEwbOouq4-2B0XiSas1RdlrpPbn-2FHzr4RAO5FrngvRu-2BqV03TvSgW4ai). |