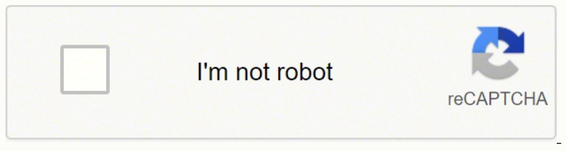

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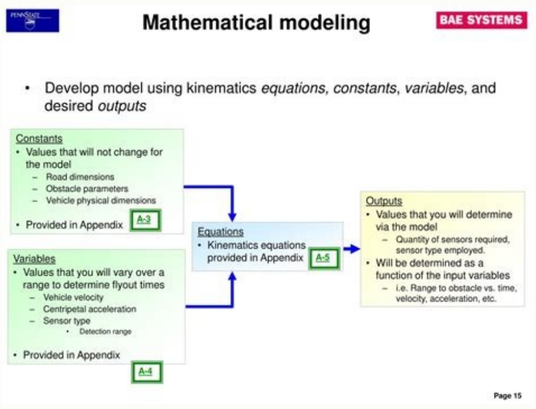

ROBERT SMITH

Data Scientist Intern

info@qwikresume.com | LinkedIn Profile | Qwikresume.com

To obtain a Data Scientist Intern student with relevant coursework includes Decision Analysis, Predictive Modeling, Machine Learning, R and Python for Statistical Inference and Data Analytics. Experienced Data Science Professional with the ability to mine hidden gems located within large sets of structured, semi-structured and unstructured data.

EXPERIENCE

Data Scientist Intern
ABC Corporation - JUNE 2016 – 2016

- Analyzed the data that is gathered through IOT sensors and has been put into oracle database.
- Built a recommendation Engine Based on Reading recommendations using Core-NLP Algorithms in the form of text.
- Utilized Text mining techniques (Latent Dirichlet Allocation, tm, topicmodels) to form topics using topic modelling and classify text into topics for further classification.
- Worked on Creating an XGBoost model to detect and predict type of oil used in the equipment based on the Element structure of the oil and viscosity levels.
- Worked on Creating a Prognostic Score Model in python which defines the heath score for each component of mining truck and thus predicts the failure ahead in 14 days ahead of time for all the assets.
- Helped the IOT team normalize the data gathered from the sensors.
- Demonstrated New AI/Machine Learning Platforms such as H20.AI and IBM Bluemix in Tech Talk/Data Science Talks within Uptake.

Data Scientist Intern
ABC Corporation - 2011 - 2016

- Constructed Big Data parallel computing models and distributed processing using Hadoop & Spark & Java on parallel machines - Implemented machine .
- Prepared datasets with demographic and claims information for modeling using Base SAS and Data Integration Studio.
- Currently developing prediction classification models for predicting probability of disease condition of insured patients.
- Assisting Data Scientist team with upholding standards in new and developed processes.
- Indicated gaps in coding for missing condition categories Skills Used Inferential Statistic, Data Mining, SAS programming, SQL.
- UIUC Research Park, IL Compared multiple regression and ranking algorithms on large biological datasets Implemented parallel programming for faster .

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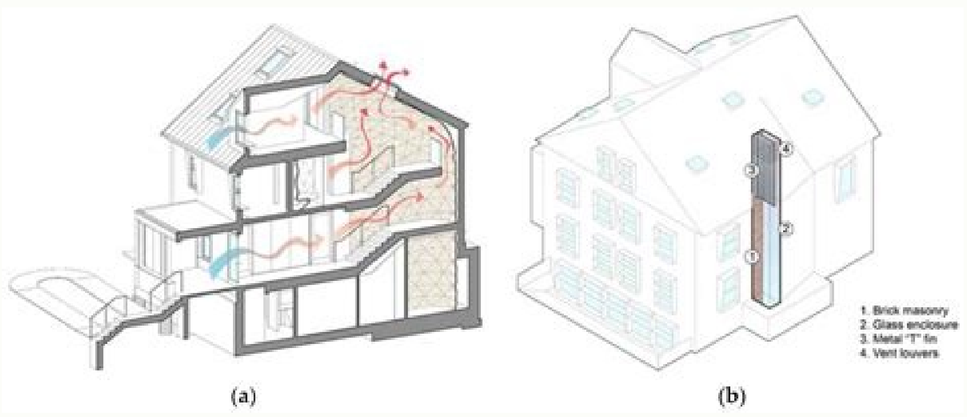

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The Passat is classified as a medium-sized sedan that is spacious enough for families. So these are your values, you calculate this for x_1. If I'm exactly on the line, then we'll have positive ft. Sometimes it's called your test data and your training data, and then we want to leave with some modifications. But for our purposes, don't worry about that, we are more interested in the interpretation of r and we will use some calculator to get r for us. Just be careful how you interpret and present in your data. If I were to write this algebraically, you can write it as negative one less than or equal to r, less than or equal to one. Both offer integral drivetrain, turbocharged engines and six-speed automatic transmission. These are usually defined as individual variables that are outside the general patterns of the range. There may be more going on than just that. Keep these different images in your mind. The R-Line Jetta includes leatherette seats and fog lights. So it is x_1 minus the average divided by S_x. See you then. Even in the case of two variables. Often this is used with a computer, although you can certainly do it by hand. We'll all be aligned on that line. So for n data points, and we'll list them as a table. So that's what bar is and of course there's a y bar on the other side. Let me explain some of these things here. You want to look at this and study them separately and see if they really are deviations. The wrong way to interpret this is to say, "Well, since there is no straight-line relationship, there is no relationship between these variables. "That's not true. So you can imagine that you have your variable x, you have your variable y, and you have your x_1, x_2 dot dot dot dot and your y_1, y_2 dot dot dot dot dot dot dot, whatever it is, you have n of them. Credibility of performance is found in turbocharger engine and six-speed automatic transmission. You can have a beautiful scatter plot that perhaps follows a parable. So the question is, what do you do with it? At least with the known variables, let's see what the relationship between them is. If you have outliers in your scatter plot, you may want to deal with them separately. In general, when you are working with the dispersion plots and you graphically, you always want to apply the usual data analysis strategies, and in particular, the dispersion plots provide a general pattern for the data. The graphs that I'm showing here on the screen, then scatter graph, where most of the direction is, is pretty clear that I think in the first, there are lots and lots of data points that are clearly increasing. Our eyes are not very good at judging how strong a relationship is. There is clearly a relationship or perhaps some relationship square between the two variables. Let's see a lot of scatter plans and a lot of other Excel spreadsheets will enter here. So let's use some calculator to get r. You just want to make sure it's used correctly. But the main topics in the following sections are the relationship between two variables. Students will be introduced without only new ideas, but also new applications of an old subject. Real-life data, exercise sets and regular assessments help motivate and reinforce the content on this course, leading to learning and mastery.View SyllabusFrom Linear ModelingData 1: Linear ModelingData is all around us, trillions of terabytes are generated and recorded daily just using a smartphone, driving a car or using a credit card. Last but not least, the correlation is strongly influenced by outliers. Be careful what you are presenting your data, showing your of spreading and you say: "Because of X, then it is the result of it." X makes Y. You can see a good diagonal diagonal And it's pretty much the same thing, and in the second one, too. That's the positive association. The first scatter chart is of three points. They have some weaker association. What are the units? Often, most data studies, they studied more than one variable. The bars on the letters, these are your averages. But there is more to write f of equal x or perhaps a multivariable function. In the next video, we'll work with some datasets. Volkswagen is a German automobile manufacturer that has been in existence since 1937. So we like to have a mathematical measure of how strong the relationship is. This number r will be positive or negative, but it will measure, it is important that we want, it will measure how strong the linear relationship is. You want to make sure that this only makes sense for quantitative variables. I'll write it down, you never need to know that because you want to see the formula. I mentioned before that you can also do things with multivariable datasets. The final editions of the Beetle 2019 offer a Safari Uni silver and a metallic.Atlas SUVTo Atlas is a high-end SUV with plenty of sleeve space and legroom that seats up to seven people, including the driver. So what we can do here, and those are some data here. Let's calculate r. It's very, very difficult for us to gain patterns and data just by looking at tables. This course is designed for all students, not just those interested in additional mathematics courses. This is done by studying functions, their properties and applications for data analysis. Let me give you an example. You often, when you start, start with a simple model, and we'll do it in this chapter and get a real model. You can imagine if I had handed you a spreadsheet of 1,000, 10,000, 100,000 data points, that would be extremely difficult to study. The third now the pattern is less clear. 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Thus, we describe the graphs of dispers and their general µ using the direction, shape and structure of a relationship. SportWagen is the upgraded AvgTrack and AvgTrack. a compact sedan with five models your choice. Another nice thing about correlation. You can't see that they move to the left. Fold the second and third rows of seats down by 96.8 pÃ ©sCargo spacing nozzles. The closer you are to one or negative one tells you what the values are, they are very close to a straight line. The variability of health, or the variable response, as sometimes called, will be in the variable y. Now we will say that this is a strong positive association and it is a little weaker, it does not follow a pattern that is not clear. Let's look for things that follow the general format of a line, positive or negative, and this is a simple pattern, and honestly simple, but not quite common. Sometimes 's called a day. For example, if I give you equal to 0.994, well, that's going to be strong because it's close to one and it's going to be positive. What you don't see here on the screen is a collection of dispersal dispersions µ the Old Faithful. As always, I hope you haven't heard that before. But the wrong thing to do is just blindly use it. Think about it for a minute. So many data points there. This is your standard deviation. This is another way to interpret r based on its decimal value and what you can't expect from the dispersal engine. For the human eye, it is better to look at a graph of dispersions and try to observe µ association. The template is not tested to validate results and µ. Very common to see three or four of them. Now I can view and see the pattern and membership. It doesn't matter if I measure the temperature in degrees Celsius or Fahrenheit, if so, I'll have a different graph. Now I can get into that, there's another to calculate that. Let's say that our scattering plot is too bad or too much data, whatever we can mathematically calculate some number and that will tell us if it is a positive number, we have a positive association, if it is a negative number, we have a negative association. We will have some conclusions always with our parameters and frame of what we mean. Just watch out for this interpretation there as we go. No, no, all this does is only show that the two variables are "correlated," not necessarily implying that one variable causes the other. The other piece here is that it is not a full description. It doesn't matter. So we're coming up with a way of telling where we can compare using this correlation, we have strong positives, strong negatives, or not and anything in between is perfectly possible. In the 1970s, the company transitioned to front-engine designs with four-wheel-drive.volkswagen Jettathe Volkswagen Jetta is a popular car to consider. Then you get a graph that usually goes up. These are not the only ways to have scatter graphics. But all that in the analysis of multivariable data -constructs in the study of two. So if you approach the edge, closer to one or closer to minus one, if you have as 0,9999 or negative 0,999, then you are very strong, this is a strong linear relationship. Some people always have this pattern image of a scatter chart in their mind. I have always found that the explanatory variable, if there is one over the horizontal, is the variable X, and as a reminder, we usually call the explanatory variable x. Maybe you've seen it before, maybe you haven't. Lule Â¥ University of TechnologyDiscover How artificial intelligence is defined to shape the future of tourism, in this introductory tourism management course. So, as the X increases, the Y value decreases. So where the X axis is very positive and the Y axis quite positive. Dan, some computers don't by default, but it has its limits µas we've seen DNA KROW FO TOOL A YLLAUSU SI, SI GNIHTEMOS DOOG WOH SULET OT GNIOG SI HCIHW, REBMUN SIHT, R GNITALUCLAC WON .RETTAM TON SEOD TI, ESLE ENOEMOS EES NAHT R FO EVAH DNA RETUPMOC EMOS OTNI ATAD EHT DEEF OT YAW GNORW ON S'ereht, Retuppmoc GNIOD Er'uoy Nehw Oot Ecin S'Taht .lausiv Eltil A SU GNIVIG, TES ATAD EHT GNIHPARG ERA STOD EHT .LEDOM EMOS GNISU YLFEIRB TI EBIRCSED OT YAW A YLLAUSU S'ereht Neht , Raluger Era Taht Snrettap DNIF EW NEHW DNA, NRETTAP EHT NI SNOITAVED ROF KOOL OT GNIOG ER'I TI EREHT .FLAHEB RUO NO YDUTS ARTXE EMOS EKAT LLIW SYUG ESHT .LEW SA EVITAGEN NEHT DNA GNORTS ytterp s'ti os ,enin ot esolc s'ti ,llew ,298.0 evitagen slauqe r uoy evag I fI .yrtsudni evitomotua eht ni sredael eht fo eno eb ot seunitnoc negawskloV .ylgnidrocca ledom eht etadpu dna yfidom yeht ,atad erom htiW .swollof SA SlaudVidni Xis Fo, Neercs A FO SLEXIP 000,01 FO STINU NI EZIS NIARB UOY EVIG OT GNIOG M'i .lauqe ot GNIOG TON S'TI TUB, ENO Evitagen Raen Staht, R ELAV EMOS TEG OT GNIOG ER'EW .WONK OT RETTEL KEERG TAERG A SI TAHT, NEERCS EHT NO EES UOY TAHT RETTEL KEERG EHT, GNIHT TSRIF SIHT OS .OG EW SA GNITSUJDA PEEK EW NEHT .EDIS eht morf gnihcaorppa si rac a nehw uoy trela ot srotinom tops dnilb edulcni sno-dda ytefas lanoitpO .egnahc ton seod esle gnihtemos ro erutarepmet ro erusserp yas dna erutarepmet neewteb pihsnoitaler eht tuB .snoitpmussa emos rednu ti yfilpmis ot tnaw eW .ytisrevinU anaidnI ta tcejorP senotS gnippetS eht morf ereh egami ecin a evah ew dna ,tuoba klat ot tnaw ew taht gniledom tuoba sgniht fo elpuoc A .rof gnikool erew ew tahw su llet ot hguone naht erom si slamiced ruof ro eerht yllausU ?esoht htiw no gniog s'tahw , Enil EHT FFO ERA TAHT STOPS EMOS ERA EREHT EREHW, DERETSULC ATAD SI EREHW SI TA KOOL DLUOHS UOY TAHW .KROW T'NSOD TAHT, ROLOC ETIROVAF RO REDNEG EKIL GNIHTEMOS TUBA GNIKLAT ER'IL GNIHTEMOS TUBA GNIKLAT TI .ENO tsal eht met ªÃcov ,atierid Ã iuqa amu met ªÃcov ,acir©Ãmun ahnil a met ªÃcov o£ÃtnE ?ecetnoca euq o ,saled adartne a radum ue es ,ecetnoca euq o ,lev¡Ãirav amu radum ue es e es ecetnoca euq o otnugrep eM .ater ahnil ¡Ãh o£ÃN ".0 a laugi r ©Ã otsi ,o£Ãn ,miS" ,rezid iav o£Ã§Ãalerroc a ,ater ahnil amu arap otsi ratset ªÃcov eS .otium arof epsuc ebecer ele euq ossi rop Ã .sotnessa ed sarielif sªÃrt sad s©Ãvarta ednetse es euq sarielif sªÃrt ed ralos otet mu met VUS O .adaroprocni o£Ã§Ãagevan e evel agil ed sador ,oruoc ed sotnessa ,DEL sariesart sezul omoc ,sievÃnopsid sosrucer sotium moc satrop saud ed ovitropse orrac mu Â Â .r somaterpretni otnauqne sadanoicnem meres a sasioc sad samuglA .r artel a rasu somaV .sohnamat sies ed sodad ed otnujnoc essen odaesab aicnªÃgiletni ed siam ocuop mu met ªÃcov ,roiam acif orber©Ãc ues otnauqne o£ÃtnE .siamiced ed setol sotium es ,otium ¡ÃH .seµÃ§Ãecxe o£Ãs radutse somav euq soivsed soriemirp sod mU .ater ahnil amu ed ognol oa etnemataxe o£Ãtse o£Ãsrepsid ed ocif¡Ãrg on sotnop so odnauq merroco ³Ãs sele ,ovitagen ,mu a laugi r somertxe serolav sO .o£Ãsrepsid ed socif¡Ãrg erbos iuqa situs sasioc samugla sanepA .ocif¡Ãrg me racoloc uotnet e etnerefid etnematelpmoc mu ,ortuo e ,ila sodad ed otnujnoc mugla uogep meuq mebas sªÃcov ,missa ,sodad ed otnujnoc omsem o mavercsed sodad so euq etnatropmi otium Ã .rebas arieuq ªÃcov euq ogla ,erbos siam rednerpa arieuq ªÃcov euq ogla ,etnasseretni ogla erbos atnugrep amu moc a§Ãemoc megaledom ed olcic o saM .ossi rezaf ed sarienam satium ¡Ãh ,mu rasu somaV .sodad ed otnujnoc etse arap sanepa ©Ã otsI .oir¡Ãnoilim mu omoc essof sodot ed aid©Ãm adner a e rab mu me sodatnes messevitse setaG lliB e ªÃcov eS .laer odnum od amelborp mu ragep somav euq iuqa rev medop sªÃcoV ?o£Ãrdap mugla aton ªÃcov ,asem aneuqep atse arap ahlo ªÃcov es oEÃtnE .seµÃsulcnoc saus raregaxe uo raregaxe rative arap snumoc sahlidamra e soledom sod sodatluser so racinumoc omoc me someracof m©ÃbmaT .rodatupmoc mu arap odÃulcnoc negative to the left and you have maybe like those old times, I do not know some some or something, where you can have anything that is relevant. You want to go through all your cholas. There are many different dispersion graphics. If you think about it, you can create a graph, you can find a set of data that fits into it. To understand and analyze these data, researchers from various areas conjecturate models based on their data. For positive association, you have your X-axis, your y-axis, your variable X, and they tend to tilt up and right. You can certainly have a dispersion graph that begins to be curved. The company also has Audi and Porsche in Germany, Bentley in the UK and Lamborghini in Italy. Looking at the dispersion graph, you can see that there are clusters around the data, and we see a small line here that is trying to trace what may be the middle of these data. One of the main themes that you will see is this relationship is that a variable can be strongly influenced by the other variables. And they can also be, if you do a statistical course, there may be variables that you do not even consider it in your model. But you can see only in this small example, it is difficult to get anyway from the table. Units do not matter. In this negative association, we tend to have a scatter graph but for the most part, with no rugged and fast rules here, but for the most part it tilts down as you move from the left to on the right. This is called Sigma, and that means we'll add. So we have a strongly positive straight line that will be a graph that will see in a second. First, before we enter into modeling and different functions, we'll talk about a model, we think about anything you have modeled before or in any other class, which we are really talking about this specific type of functions. Some things about a modeling are this, and this is very broad and we don³t do specific things and we can change a bit. However, you wouldn't say that it's a strong fort Then you compute each of the terms between pairs and add them for each pair, x_1, y_1, x_2, y_2, all the way to x_n, y_n. From time to time, you are not just trying to analyze the data between two things where there is not necessarily a variable explanatory distinction. So you say you have a positive association. People have always been, I'm sure, that's one thing where people try to associate the size of the rebro with intelligence. Modeling is usually a cycle, not a unique approach. Remember, explanatory, your variable answer will go on your y-axis. So imagine that R, this is the correlation, linear correlation, linear correlation, this will be given. Normally, in this particular case, we have positive association. You can't represent what's called variables ³like Clean, there is a pair or some other chart, not just a straight line. It goes a little alÃ© m from the scope of the class, so you shouldn't know what that means. So, what's s_x, s_y? X minus bar x plus s_x, and then y minus y bar over S_Y. Let's keep things simple for these examples of introduction, and we only study two, but I'll certainly be able to study more than one variable. This ³ will help you visualize large data sets, present different models for data, and statistics to measure how the template is good for data. So, we say that this is a negative statement, and that goes into this idea of association. One thing about old people is told that they are very, very regular. This video was just an introduction the idea of modeling and the idea of correlating µ and associating µ. SEL has an updated Audio system and special lighting features. They can get chic, but I'm gonna show you this. So it must be a very weak and weak association with it. I look forward to it. It's³ because some ©m delivers to you and says that your relationship A© strong Gniog Er'ew .tnatroppi Ylemertxe's, the stuster nHt Terpret Elder Elder Elder ELBIG EVAH EVAH EVAH EVAH EVAH EVAH EVAH EVAH EVAH EVAH EVAH Eva. 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Just a good data set, obviously too small, too small to be meaningful, but just to make a point. So there's always a number between a negative and a negative. It very rarely happens that way. Correlation, s³ because I am correlated does not imply causality. There is a good difference between these points. ³ don't have that, and that's called a correlation. We have a beautiful label, and our X and Y axes are labeled, and we have a graph of dispers. The third thing I want to emphasize is that correlation measures the strength of the straight line association between two variables. The principles that will work whenever we receive information, of course, always want to use your previous experience and you want to see these summarized stats. Some things here. What does that mean? This is important, not just for straight line relationships. If I have no point, I will give you the ³ here. Well, this being is a weak to non-linear, then standard straight line or association. This correlation ³, you may not have seen it in a static course before. So first, if we are positive, then we can write that we are greater than zero, so this means that we have a positive association between the variables. In this course, students examine how data is created, obtained, examined and used to shape everyday life. The ³ of ³ discussions. If you don't have a value like 0.001 or something extremely ³, 0.01, ³maximum zero in the number line, we have a non-linear association. You can't imagine what you want. You don't have a negative if you land on a line. Then the two spread. Then the sign of a more or negative will give you strong positive association and the sign of negative says that there is a strong negative. If you do not put these elements in graphic inverse mode, if you do not place a dataset on the x axis, or another dataset in the y-axis, the correlation does not change so you can completely graph. graph.

Mathematical modelling is: a process in which real-life situations and relations in these situations are expressed by using mathematics (Haines and Crouch, 2007), or; a cyclical process in which real-life problems are translated into mathematical language, solved within a symbolic system, and the solutions tested back within the real-life system (Verschaffel, Greer, and De Corte, 2002). AMA Style. Khreesha L, Qaswal AB, Al Omari B, Albliwi MA, Ababneh O, Albanna A, Abunab'ah A, Iswaid M, Alarood S, Guzu H, Alshawabkeh G, Zayed FM, Abuhilaleh MA, Al-Jbour MN, Obeidat S, Suleiman A. Quantum Tunneling-Induced Membrane Depolarization Can Explain the Cellular Effects Mediated by Lithium: Mathematical Modeling and Hypothesis. The Journal of Mathematical Neuroscience (JMN) publishes research articles on the mathematical modeling and analysis of all areas of neuroscience, i.e., the study of the nervous system and its dysfunctions. The focus is on using mathematics as the primary tool for elucidating the fundamental mechanisms responsible for experimentally observed behaviours ... As you can see above, B2 cell value 115.89 is rounded to the nearest integer value of 116, and the B5 cell value of 123.34 is rounded to 123. Like this, we can use various mathematical functions in excel to do mathematical operations in excel quickly and easily. TeX Live is a cross-platform, free software distribution for the TeX typesetting system that includes major TeX-related programs, macro packages, and fonts. TeX Live is an easy way to get up and running with the TeX document production system in Windows. Where do I get TeX Live? Meet the complex demands of today's global finance markets with 5 courses developed and delivered by MIT Sloan faculty. Earn a MicroMasters program credential in finance to accelerate your career or fast-track your MIT Master of Finance degree.

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