
Stat-GPT – AI for Statisticians in the Pharmaceutical Industry

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```

13 *format error;
14 OPTIONS FMterr;/*default*/
15 PROC PRINT DATA=idre.charities;
16     FORMAT code $code.;
ERROR: The format $CODE was not found or could not be loaded.
17 RUN;

NOTE: The SAS System stopped processing this step because of errors.
NOTE: PROCEDURE PRINT used (Total process time):
    real time          0.01 seconds
    cpu time           0.00 seconds

```

```

18
19 OPTION NOFMterr;/*default*/

```

```

20 PROC PRINT DATA=idre.charities;
21     FORMAT code $code.;
22 RUN;

```

```

NOTE: There were 12 observations read from the data set.
NOTE: PROCEDURE PRINT used (Total process time):
    real time          0.06 seconds
    cpu time           0.00 seconds

```



```

Call:
lm(formula = y ~ ., data = data)

```

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Residuals:
    Min       1Q   Median       3Q      Max
-8.7859 -2.0085  0.0004  1.9216  9.7121

```

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Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.38313    0.24566   5.630 2.34e-08 ***
x1           5.29776    0.12483  42.441 < 2e-16 ***
x2           1.61055    0.30518   5.277 1.61e-07 ***
x3           0.44947    0.05039   8.919 < 2e-16 ***
groupB      1.87978    0.18061  10.408 < 2e-16 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```

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Residual standard error: 2.817 on 995 degrees of freedom
Multiple R-squared:  0.7882,    Adjusted R-squared:  0.7873
F-statistic: 925.6 on 4 and 995 DF,  p-value: < 2.2e-16

```

```

1 #Take the users input
2 words = raw_input("Enter some text to translate to pig latin: ")
3 print "You entered: ", words
4
5 #Now I need to break apart the words into a list
6 words = words.split(' ')
7
8 #Now words is a list, so I can manipulate each one using a loop
9
10 for i in words:
11     if len(i) >= 3: #I only want to translate words greater than 3 character
12         i = i + "%say" % (i[0])
13         i = i[1:]
14         print i
15     else:
16         pass

```

Write a thank-you note
to my interviewer ↑

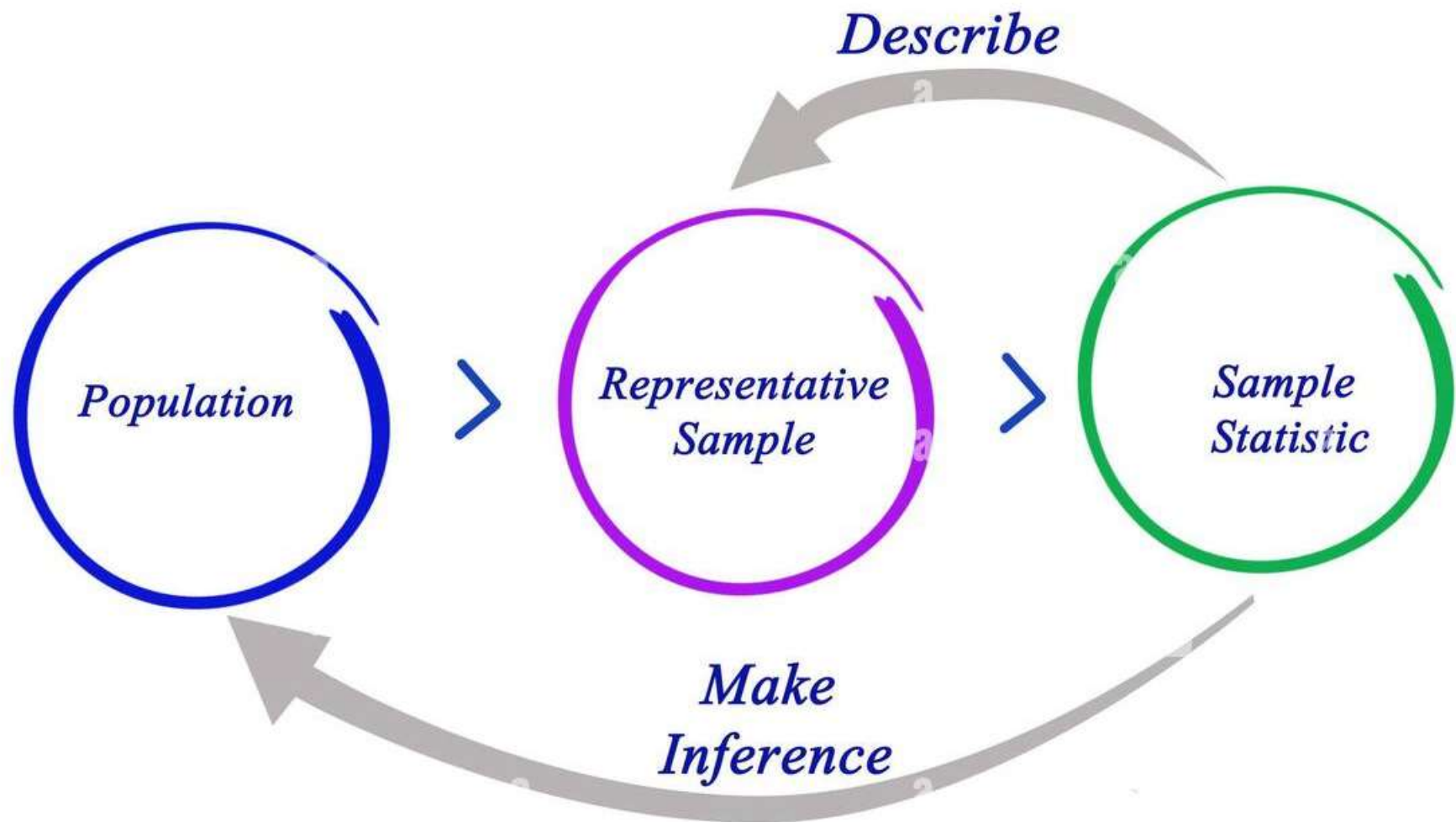
Compare design principles
for mobile apps and desktop software

Automate social media posts
create a tool to schedule my posts

Give me ideas
for what to do with my kids' art

Please fix my code ↑

Statistical Analysis Process

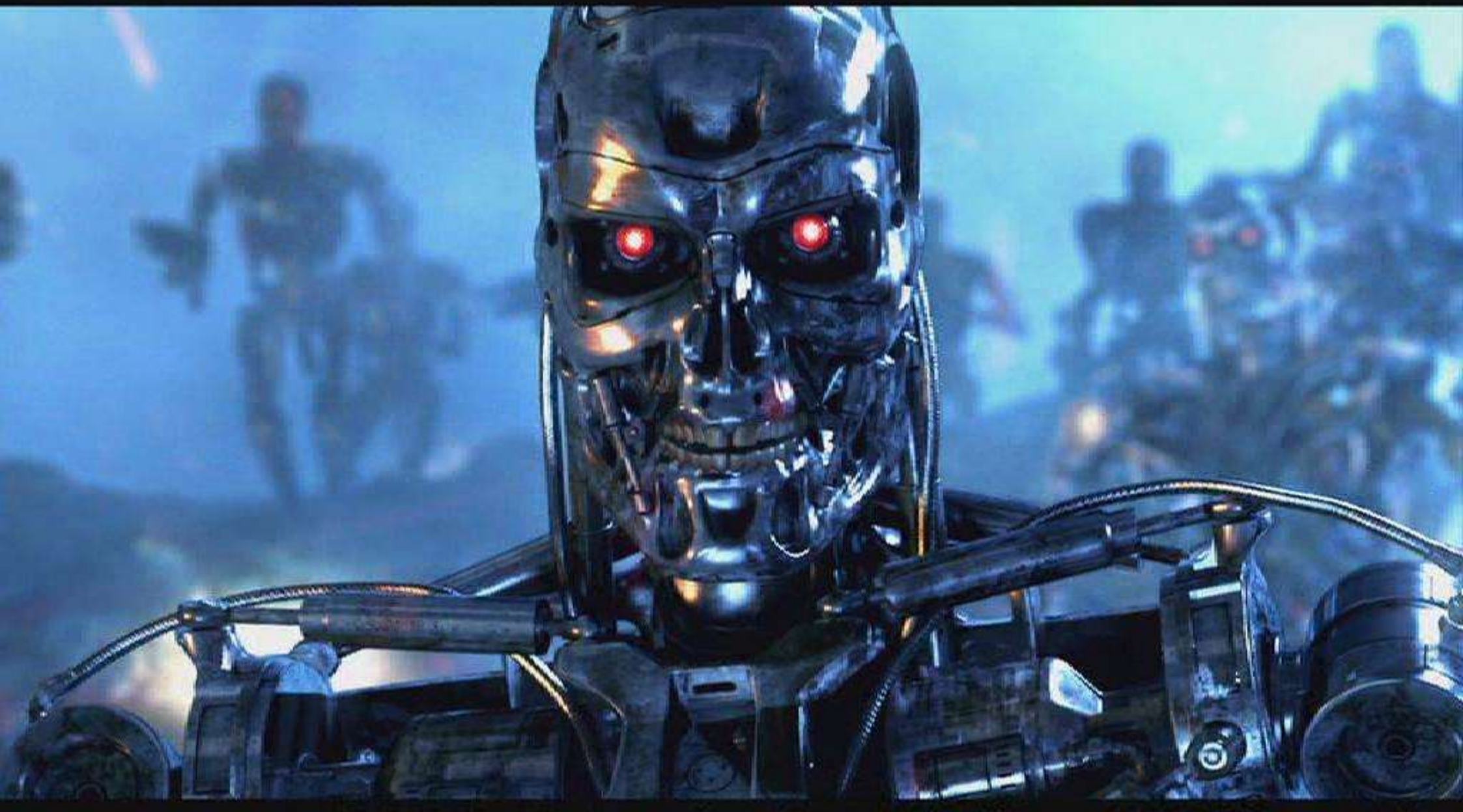














**When I realize
ChatGPT can do
my job for me**



**When I realize
ChatGPT can do
my job for me**





References

- Slide 2: <https://stock.adobe.com/uk/search?k=natural+language+processing>
- Slide 3: <https://stats.oarc.ucla.edu/sas/seminars/sas-programming-basics/>,
<https://forum.posit.co/t/reference-level-coefficients-are-not-listing-in-r-for-multiple-regression-with-category-predictors-using-effective-coding-sum-zero/181752>, <https://ergo-science.com/ja/levels-of-programming-language/>, <https://chat.openai.com/>, <https://www.flickr.com/photos/77962860@N02/>
- Slide 4: <https://isssp.org/tag/statistics/>
- Slide 5/7: <https://depositphotos.com/serie/30187193.html>
- Slide 6: <https://www.vecteezy.com/vector-art/4809756-free-place-the-guy-under-the-magnifying-glass-reviews-the-resume-girl-shows-on-a-vacant-place-the-concept-of-finding-people-for-work-vector>
- Slide 8: <https://orangelegal.co.uk/lasting-power-of-attorney-guidance-uk/>
- Slide 9: <https://www.beinghumanfestival.org/events/you-and-co2>
- Slide 10: https://www.linkedin.com/pulse/skynet-coming-your-dreamstonight-jose-couto?trk=articles_directory
- Slide 11: <https://voi.id/en/technology/250691>
- Slide 12:
https://www.reddit.com/r/Discerning_Truth/comments/185f9tb/funny_meme_about_chatgpt/?rdt=56225,
<https://soundcloud.com/zdotproductions/eyez-stress-feat-scrufizzer-dubzy>
- Slide 13: <https://www.politicshome.com/members/article/digital-transformation-can-deliver-a-golden-future-for-the-uk>