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Vocabulary Builder Reference from...

Arthur Benjamin: Teach statistics before calculus! |
TED Talk
https://www.ted.com/talks/arthur_benjamin_teach_sta
tistics_before_calculus

Advanced Words Only

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Session 1: Word List

czar

n. (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder

synonym : ruler, sovereign, autocrat

(1) technology **czar**,   (2) economic **czar**

The **czar** of healthcare is responsible for improving the quality and accessibility of healthcare for all citizens.

probabilistic

adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

synonym : probable, statistical, likely

(1) **probabilistic** model,   (2) **probabilistic** approach

In a **probabilistic** system, the outcome is uncertain and can vary based on chance.

gamble

v. to take risky action in the hope of being successful; to play or game for money or other stakes

synonym : bet, venture, wager

(1) **gamble** $100 on the race,   (2) **gamble** away my fortune

Will you **gamble** on the result of the fight?

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

synonym : stray, diverge, veer

(1) **deviate** from the norm,   (2) **deviate** from the plan

It's important not to **deviate** from the established safety procedures.

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

Session 2: Spelling

1. de_ _ _ _e from the plan

    v. to depart from an established course or plan; to change direction or take a different route or approach

2. ga_ _ _e $100 on the race

    v. to take risky action in the hope of being successful; to play or game for money or other stakes

3. economic c_ _r

    n. (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder

4. pro_ _ _ _ _ _ _tic approach

    adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

5. ga_ _ _e away my fortune

    v. to take risky action in the hope of being successful; to play or game for money or other stakes

6. de_ _ _ _e from the norm

    v. to depart from an established course or plan; to change direction or take a different route or approach

7. technology c_ _r

    n. (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder

8. pro_ _ _ _ _ _ _tic model

    adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

ANSWERS: 1. deviate, 2. gamble, 3. czar, 4. probabilistic, 5. gamble, 6. deviate, 7. czar, 8. probabilistic

ANSWERS:

Session 3: Fill in the Blanks

1. Will you _____ on the result of the fight?

   v. to take risky action in the hope of being successful; to play or game for money or other stakes

2. The _____ of healthcare is responsible for improving the quality and accessibility of healthcare for all citizens.

   n. (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder

3. It's important not to _____ from the established safety procedures.

   v. to depart from an established course or plan; to change direction or take a different route or approach

4. In a _____ system, the outcome is uncertain and can vary based on chance.

   adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

ANSWERS: 1. gamble, 2. czar, 3. deviate, 4. probabilistic