

التميّــز في التعليــم منــذ عامر Excellence in Education, since 1991

Analysis of Knowledge Outcomes

By Dr. Adiy Tweissi



We learn by:

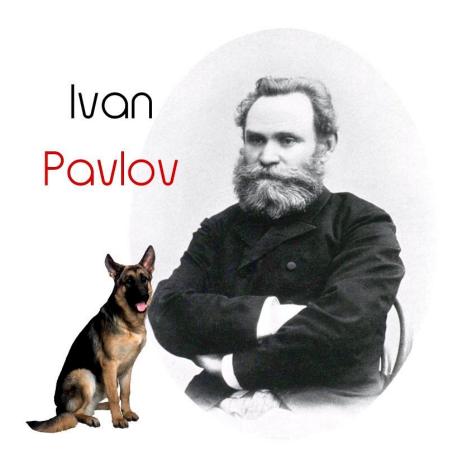
Behaviorism

المنهج السلوكي

Constructivism

المنهج البنائي



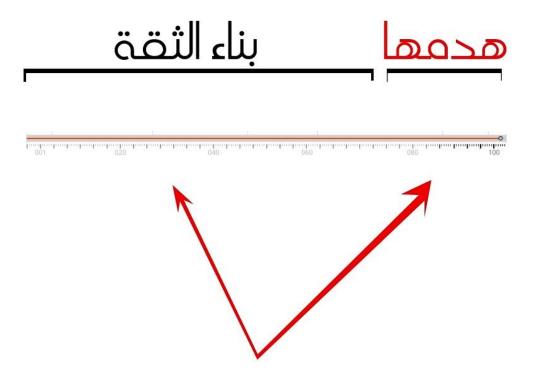




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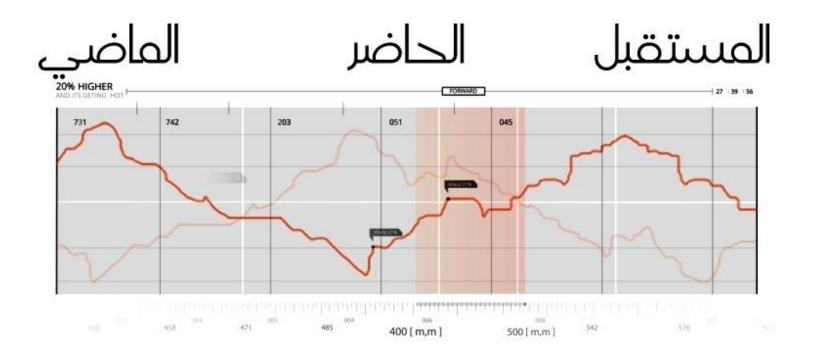




هدية مصاصة تسفيق حماس ضحك



Constructivism



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Bloom's Taxonomy

Evaluation

Make and defend judgments based on internal evidence or external criteria.

appraise argue assess attach choose compare conclude contrast defend describe discriminate estimate evaluate explain judge justify interpret relate predict rate select summarize support value

Higher Order Thinking Skills

Synthesis

Compile component ideas into a new whole or propose alternative solutions.

compose construct create design develop devise explain formulate generate plan prepare rearrange reconstruct relate reorganize revise rewrite set up summarize synthesize tell write

Analysis

Break down objects or ideas into simpler parts and find evidence to support generalizations.

analyze appraise breakdown calculate categorize compare contrast criticize diagram differentiate discriminate distinguisl examine experiment identify illustrate infer model outline point out question relate select separate subdivide test

modify operate practice predict prepare produce

relate schedule show sketch solve use write

apply change choose compute demonstrate discover dramatize employ illustrate interpret manipulate

Application

Apply knowledge to actual situations.

Comprehension

Demonstrate an understanding of the facts.

classify convert defend describe discuss distinguish estimate explain express extend generalized give example(s) identify indicate infer locate paraphrase predict recognize rewrite review select summarize translate

arrange define describe duplicate identify label list match memorize name order outline recognize relate recall repeat reproduce select state

Knowledge

Remember previously learned information.



Bloom's Taxonomy: Example

Evaluation

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Example

Summarize your findings in an email to the responsible unit, and justify your suggestions for improvements and better technical solutions

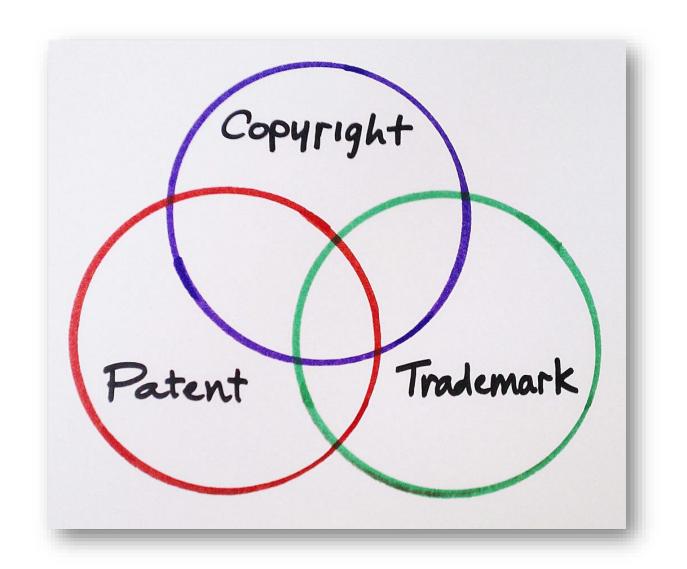
Based on your findings, **create** a Heatmap that represents coverage areas, and **assemble** all frequencies on it

Analyze the WiFi coverage areas in PSUT campus, and **differentiate** between them using color codes

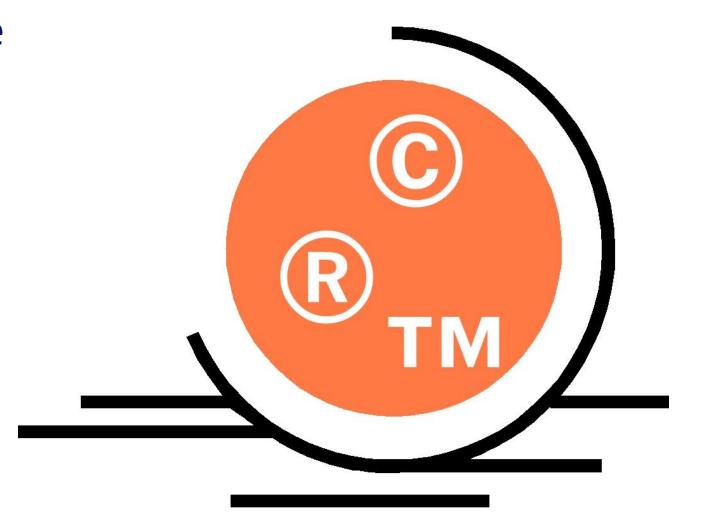
Use WiFi Analyzer app to spot the weak, medium, and high coverage areas in PSUT campus

- Explain the reasons for switching to WiFi
- -Distinguish between 2.4 and 5 Ghz
- -Estimate the coverage area in the following diagram
- -Define the WiFi Network
- -Mention the types of frequencies used in WiFi
- -List 4 protocols that WiFi signal provides

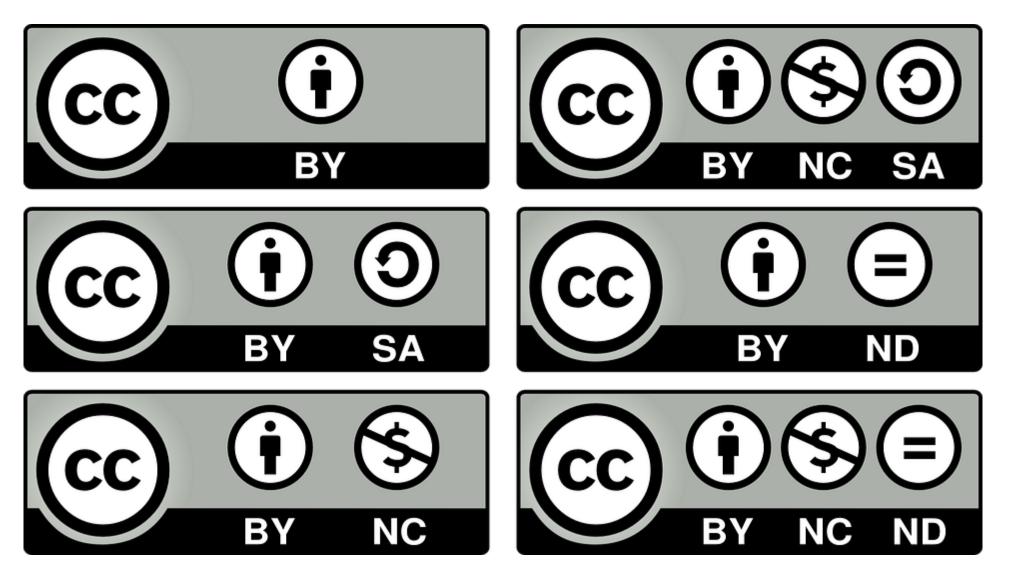
Protect your knowledge material



In order to purchase the correct one, you need to understand them very well.



Need more freedom?





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