DAILY ASSESSMENT FORMAT

Date:	16-06-2020	Name:	BINDUSHRI
Course:	mysql	USN:	4AL17EC011
Topic:	completed		6th A
Github Repository:	Bindushri		

FORENOON SESSION DETAILS

Date:16june2020	Name:Bindushri
Course: statistical learning	USN:4AL17EC011
Topic:case study on statistics and probability theory.	Sem&Sec:6th A

AFTERNOON SESSION DETAILS

greatlearning
Learning for Life

Home   Live Sessions   Certificates

My Courses

Courses / Statistical Learning / Rules for Probabilty calculation

Content

Learning Videos   ∧

   ▶ Agenda   ✓

   ▶ Case study on statistics and   ✓
     Probability Theory

   ▶ Solution for case study   ✓

   ▶ Introduction to Probability   ✓

   ▶ Rules for Probabilty calculation

   ▶ Bayes' Theorem

   ▶ Normal Distribution

Learning Material   ∨

Quiz   ∨

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Rules for Probabilty calculation

16/06/2020   Statistical learning.

Agenda

① case study for statistics

② probability & its type

③ Bays theorem

④ Normal Distribution & Bell curve.

⇒① Case study on Statistics & Probability theory.

i) ⟵ what are the mode for work?

→ 2 modes

* which of th work has the highest mean satisfication score.

* 50 to 60, 60 to 70 is the Histogram premotion

↳ 2 points are outliers in promotion Boxplot

↳ Px By Boxplots says private and vetern administration
     median is 82 for private.
     Median is 82 for VA

So Both have Same median.

* ~~Here.~~

⇒ Probability

↳ Probability refers to the chance or likehood of a particular event taking place

* An event is an outcome of an experiment.

⇒ <u>Rules of Probability calculation</u>

① Addition Rule — Mutually Exclusive Events

$P(A \cup B) = P(A) + P(B)$

② Multiplication Rule

Events are not Independent

$P(A \cap B) = P(A) \cdot P(B/A)$