Excel Class-3

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### Agenda:

* Pivot tables ( 45 minutes)
* Practice problem on conditional function and pivot table(45 minutes)
* Special Excel functions (30 minutes)
* Macro recording

### Dataset used for the class:

Concept file: [Demo of Pivot Table.xlsx](https://docs.google.com/spreadsheets/d/1NwkKYrh2bzu5ee3tN2OQZ8yWgZtQ1GHJ/edit?usp=sharing&ouid=107681937864127182413&rtpof=true&sd=true)

Pivot table: [Lecture\_3 Unworked - Pivot Table.xlsx](https://docs.google.com/spreadsheets/d/13wkU2h0a4Sk5h9p-dzScvfZrq3uIHe1O/edit?usp=sharing&ouid=107681937864127182413&rtpof=true&sd=true)

Special Functions: [Lecture\_3 Unworked.xlsx](https://docs.google.com/spreadsheets/d/1sq_QvA2cJUHw7LNJAUxxTSxkuVmQV3Z6/edit?usp=sharing&ouid=107681937864127182413&rtpof=true&sd=true)

### Solutions sheet:

[Demo of Pivot Table - 21st March.xlsx](https://docs.google.com/spreadsheets/d/18O2Do0p8BB1QR9aWqvTIb9SWIReWVjJs/edit?usp=sharing&ouid=107681937864127182413&rtpof=true&sd=true)

[Lecture\_3 Unworked - Pivot Table -21st March.xlsx](https://docs.google.com/spreadsheets/d/19GzT_iKLcsFTWHfTq10gD95O5hwz3mJ3/edit?usp=sharing&ouid=107681937864127182413&rtpof=true&sd=true)

### Homework:

[Homework Lecture\_3 Unworked.xlsx](https://docs.google.com/spreadsheets/d/1JErHJzRCXgUu2pi7ElBzXr37bFSd0Xuo/edit?usp=sharing&ouid=107681937864127182413&rtpof=true&sd=true)

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### Concept Sections:

* Formula for creating summaries: SUMIFS($F$4:$F$23,$C$4:$C$23,$I9)
* Multiple if conditions: =IF(R10=1,IF(AND(I10="Mumbai Indians",J10="bat"),1,IF(AND(I10<>"Mumbai Indians,J9=""field"),1,0)))

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### Business Problem:

Question-1: Calculate the number of matches won by the team batting first vs batting second

Question-2: Find the top winning venues for MI