

# Understanding Regular Expressions

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# What is Regular Expressions?

A regular expression is a **special sequence of characters that helps you match or find other strings or sets of strings.**

Mr Brown is running for the governor. Mr Michael passed the driving test. I think that Mrs Roman will be presenting the case now. Mr. Brown has mail ID as brown@google.com Ms Reagan uses reag.ms@outlook.com Similarly, Mt. Berry has email as [mr\\_berry@cherryberry.net.in](mailto:mr_berry@cherryberry.net.in). In this course, we will learn about the regular expressions and other built in functions like date time functions, conditional flow, sub-queries and a lot of things. 5 million monthly visits in May'19. 2019, Mr Mrs 5 million monthly visits in May'19. 2019. Mars' average distance from the Sun is roughly 230 million km and its orbital period is 687 (Earth) days. London Olympic 2012 was held from 2012-07-27 to 2012/08/12.

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**Find out the words that start with “M”?**

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**Find out the words that end from “ing”?**

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**Find out the words that starts with “m” and ends with “y”?**

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**Find out the digits in the text data?**

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**Find out the dates in the above text?**



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**Find out the email IDs in the above text?**

Find out the words that start with “M”?

Find out the words that end with “ing”?

Find out the words that starts with “m” and ends with “y”?

Find out the digits in the text data?

Find out the dates in the above text?

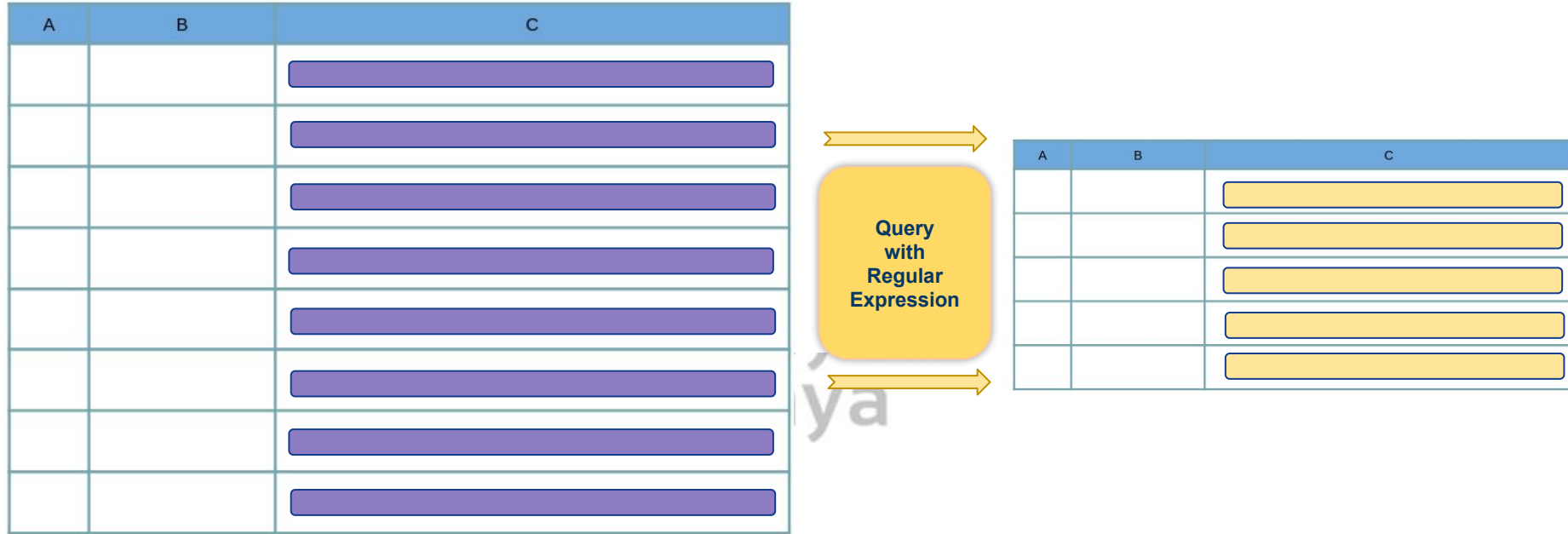
Find out the email IDs in the above text?



Regular  
Expressions

```
'[a-zA-Z0-9._-]+@\w+\.com'
```

# Syntax for Regular Expressions



SELECT

Column Names

FROM

TABLE NAME

WHERE

Column Name

REGEXP

PATTERN

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Find out the words that start with “M”?

^

^M

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**Find out the words that end from “ing”?**

**\$**

**ing\$**

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Find out the words that start with “m” & “c”?

^

^ [ mc ]

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Words that starts with “m” and ends with “y”?

^\$

^m

.\*

y\$



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**Words that contain digits?**

**/d**

**/d**

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Find 3 digit numbers?

/d

^

/d{3}

\$

Demo !!

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 Analytics  
Vidhya