

# Create database using pgAdmin

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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# Learning Objectives

**We will learn about**



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- **Connect to the server**



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- **pgAdmin 1.18**



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- **Good understanding of basic computer concepts**



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- **Working knowledge of any programming language**



# What is table?



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- In RDBMS, we store data in database objects called **tables**
- A table is a collection of related data that is stored in **rows** and **columns** format





# Data types



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- **integer, numeric** - numeric data type



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- **integer, numeric** - numeric data type
- **numeric(n,d)** - numeric data type  
Where **n** is the total digits and **d** is the number of digits after the decimal



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- **character varying(size), varchar(size)** - holds a variable length string
- **text** - variable unlimited length
- **date** - date data type





# Summary

**In this tutorial we learnt about**

- **Connect to the server**
- **Database and its objects**
- **Create a database**
- **Table and its attributes**
- **Create a table**



# Assignment

- 1 Connect to the server and check the default available database
- 2 Create a new database **Organization**
- 3 In the **Organization** database, create a table **Emp** with the columns **Emp-name, Address, DOB, Salary**



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates on passing online test
- For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)



# Forum for specific questions

- Do you have questions in THIS Spoken Tutorial?
- Please visit <http://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them



# Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at

<http://spoken-tutorial.org/NMEICT-Intro>

