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DBMS वीडियो लेक्चर — Topic-wise YouTube Links

Database Management System • BTEUP CSE 3rd Semester • KAMALDNP DBMS Notes और Question Bank की मुफ़्त साथी PDF

यह list कैसे बनी: DBMS syllabus के हर topic के लिए हमने YouTube पर खोजा, फिर हर candidate video का पूरा transcript (पूरी बोली गई content) पढ़कर जाँचा और सिर्फ़ वही video रखा जो सच में वही topic पढ़ाता है। नीचे हर नीला link clickable है — tap करते ही video खुलेगा। पहले video देखें, फिर notes में वही topic पढ़ें — तैयारी का यही सबसे तेज़ तरीका है।

Unit 1 — Introduction

1. Database system concepts and architecture

▶ Lec-3: File System vs DBMS | Disadvantages of File System | DBMS Advantages

Gate Smashers • 13:00 min • Hindi

https://www.youtube.com/watch?v=ZtVw2iuFI2w

▶ Lec-4: 2 tier and 3 tier Architecture with real life examples | Database Management System

Gate Smashers • 12:57 min • Hindi

https://www.youtube.com/watch?v=VyvTabQHevw

2. Components of DBMS

▶ Components and Types of Database | DBMS Basics Explained | DBMS Tutorial for Beginners

Unicode • 10:02 min • Hindi

https://www.youtube.com/watch?v=QrE8hmkxLxw

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3. Table structure

▶ What is a Relational Database?

IBM Technology • 7:54 min • English

https://www.youtube.com/watch?v=OqjJjpjDRLc

4. Schema definition

▶ Instances and Schemas in DBMS

Neso Academy • 9:33 min • English

https://www.youtube.com/watch?v=cOzq67n2yN4

▶ Lec-5: What is Schema | How to define Schema | Database management system in Hindi

Gate Smashers • 4:34 min • Hindi

https://www.youtube.com/watch?v=pDX4NR4eY3A

5. Three views of data (external, conceptual, internal)

▶ Lec-6: Three Schema Architecture | Three Level of Abstraction | Database Management System

Gate Smashers • 15:25 min • Hindi

https://www.youtube.com/watch?v=[illegible]

Unit 2 — Data Model and Keys

6. Data model — definition

▶ Introduction to Data Models

Neso Academy • 16:24 min • English

https://www.youtube.com/watch?v=OwQoj3GJfNY

7. Network model

▶ Network Data Model in DBMS in Hindi | Advantages & Disadvantages - Lecture #4

The Crazy Programmer • 9:40 min • Hindi

https://www.youtube.com/watch?v=qehOeSjbxwg

▶ 1.18- Network Database Model In DBMS In Hindi | What Is Network Database Model in dbms

TutorialsSpace- Er. Deepak Garg • 2:40 min • Hindi

https://www.youtube.com/watch?v=kUejo_wFSqI

8. Hierarchical model

▶ Hierarchical Data Model in DBMS in Hindi | Advantages & Disadvantages - Lecture #3

The Crazy Programmer • 8:45 min • Hindi

https://www.youtube.com/watch?v=0-05iqYqYA4

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▶ 1.17- Hierarchical Data Model In DBMS In Hindi | Types Of Data Models In DBMS In Hindi

TutorialsSpace- Er. Deepak Garg • 4:54 min • Hindi

https://www.youtube.com/watch?v=FXd9jQp2yXg

9. E-R model

▶ Lec-16: Introduction to ER model | ER Model क्या है

Gate Smashers • 8:32 min • Hindi

https://www.youtube.com/watch?v=gbVev8RuZLg

10. Advantages and disadvantages of each data model

▶ Hierarchical Data Model in DBMS in Hindi | Advantages & Disadvantages - Lecture #3

The Crazy Programmer • 8:45 min • Hindi

https://www.youtube.com/watch?v=0-05iqYqYA4

▶ Network Data Model in DBMS in Hindi | Advantages & Disadvantages - Lecture #4

The Crazy Programmer • 9:40 min • Hindi

https://www.youtube.com/watch?v=[illegible]ehOeSjbxwg

▶ What is Hierarchical Database (Advantages and Disadvantages)

DatabaseTown • 2:44 min • English

https://www.youtube.com/watch?v=YX4dZ[illegible]sTV[illegible]

11. Concept of keys (primary, candidate, super, foreign)

▶ Lec-15: Super key in DBMS in HINDI | ये Question Competition Exams में अक्सर पूछा गया है

Gate Smashers • 9:42 min • Hindi

https://www.youtube.com/watch?v=QQqGfScdlzA

▶ Lec-9: What is CANDIDATE KEY and PRIMARY key | Full Concept | Most suitable examples | DBMS

Gate Smashers • 5:12 min • Hindi

https://www.youtube.com/watch?v=mMxjKFiIKxs

▶ Lec-11: Foreign Key in DBMS | Full Concept with examples | DBMS in Hindi

Gate Smashers • 8:43 min • Hindi

https://www.youtube.com/watch?v=UyqpQ3D2yCw

12. Constraints

▶ L3.3 Integrity Constraints | Domain, Entity Integrity, Referential Integrity & Key Constraints |DBMS

Shanu Kuttan CSE Classes • 15:58 min • Hindi

https://www.youtube.com/watch?v=rXaxmKFvfmY

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▶ Lec-8: Integrity Constraints in Database with Examples

Gate Smashers • 7:14 min • Hindi

https://www.youtube.com/watch?v=YTJdBA9wZro

▶ Lec-66: Constraints in SQL in Hindi | DBMS

Gate Smashers • 12:01 min • Hindi

https://www.youtube.com/watch?v=PcMr6xoundk

13. Strong entity set and weak entity set

▶ Introduction to Weak Entity Set with Example | Database Management System

Gate Smashers • 11:47 min • Hindi

https://www.youtube.com/watch?v=QP1w30bgcH0

▶ Strong and Weak Entity Sets in DBMS [Hindi] | Classification of Entity Sets | Computer Science

Computer Science Plus • 14:28 min • Hindi

https://www.youtube.com/watch?v=FEJXyU5QrEM

Unit 3 — Relational Model

14. The relational data model and relational database constraints

▶ U2 P1 Relational Data Model | DBMS Unit 2 | One Shot Lecture BCS501

Unique Series - Civil Mantraa • 34:40 min • English

https://www.youtube.com/watch?v=ZngkeLd7xJw

▶ What is a Relational Database?

IBM Technology • 7:54 min • English

https://www.youtube.com/watch?v=OqjJjpjDRLc

15. ER/EER to relational model mapping

▶ L2.7 Converting ER Diagrams to Tables | 6 Rules | Examples | ER Model | DBMS | Shanu Kuttan

Shanu Kuttan CSE Classes • 26:48 min • Hindi

https://www.youtube.com/watch?v=GiLpCYekYmw

16. Relational algebra and relational calculus

▶ Lec-50: Introduction to Relational Algebra | Database Management System

Gate Smashers • 4:24 min • Hindi

https://www.youtube.com/watch?v=4YilEjkNPrQ

▶ Lec-58: Tuple Calculus in DBMS with examples

Gate Smashers • 16:09 min • Hindi

https://www.youtube.com/watch?v=SnsrohgiPo0

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17. Basic operations (union, intersection, difference, Cartesian product)

▶ Relational Algebra Operations - Set Theory

Neso Academy • 11:49 min • English

https://www.youtube.com/watch?v=r6OsT9Zi4Cg

▶ Lec-55: Union Operation in Relational Algebra | Database Management System

Gate Smashers • 7:20 min • Hindi

https://www.youtube.com/watch?v=b0zitqncxP8

▶ Lec-53: Cross/Cartesian Product in Relational Algebra | Database Management System

Gate Smashers • 6:18 min • Hindi

https://www.youtube.com/watch?v=F6MBz_h3Uj8

18. Additional operations (projection, selection, division, rename, join)

▶ Lec-50: Introduction to Relational Algebra | Database Management System

Gate Smashers • 4:24 min • Hindi

https://www.youtube.com/watch?v=4YilEjkNPrQ

Unit 4 — Relational Database Design

19. Functional dependencies and normalisation

▶ Learn Database Normalization - 1NF, 2NF, 3NF, 4NF, 5NF

Decomplexify • 28:34 min • English

https://www.youtube.com/watch?v=GFQaEYEc8_8

▶ Lec-27: Functional Dependency & its properties in DBMS in HINDI

Gate Smashers • 17:09 min • Hindi

https://www.youtube.com/watch?v=qn5neFBpU40

20. Types of normalisation — 1NF, 2NF, 3NF

▶ Lec-33: All Normal Forms with Real life examples | 1NF 2NF 3NF BCNF 4NF 5NF | All in One

Gate Smashers • 11:15 min • Hindi

https://www.youtube.com/watch?v=EGEwkad_IlA

21. Multivalued dependencies and BCNF

▶ 07-04-multivalued-dependencies.mp4

Stanford Dbclass • 23:42 min • English

https://www.youtube.com/watch?v=698GsCsmXIk

▶ Lec-30: Boyce Codd Normal Form #BCNF #DBMS #Normalization with best examples

Gate Smashers • 6:48 min • Hindi

https://www.youtube.com/watch?v=mf_PbWPo7VM

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22. Fourth normal form (4NF)

▶ Learn Database Normalization - 1NF, 2NF, 3NF, 4NF, 5NF

Decomplexify • 28:34 min • English

https://www.youtube.com/watch?v=GFQaEYEc8_8

23. Fifth normal form (5NF)

▶ 5th Normal Form (5NF) | Join Dependency | Database Normalization

Studytonight with Abhishek • 8:09 min • Hindi

https://www.youtube.com/watch?v=mbj3HSK28Kk

▶ Learn Database Normalization - 1NF, 2NF, 3NF, 4NF, 5NF

Decomplexify • 28:34 min • English

https://www.youtube.com/watch?v=GFQaEYEc8_8

Unit 5 — SQL / MySQL

24. MySQL data types

▶ DATATYPES IN SQL | SQL DATATYPES || INTEGER || NUMBER || VARCHAR || DATETIME || DBMS || SQL

Sundeep Saradhi Kanthety • 16:0[illegible] • English

https://www.youtube.com/watch?v=CG7[illegible]jM

25. Data definition commands (DDL)

▶ Lec-60: All Types of SQL Commands with Example | DDL, DML, DCL, TCL and CONSTRAINTS | DBMS

Gate Smashers • 10:32 min • Hindi

https://www.youtube.com/watch?v=vUj-kUEC_oA

▶ Data Definition Language (DDL)

Neso Academy • 6:00 min • English

https://www.youtube.com/watch?v=CSX0OlOYWps

26. Data manipulation commands (DML)

▶ DML Commands - INSERT and UPDATE

Neso Academy • 11:25 min • English

https://www.youtube.com/watch?v=w27gAgDQr_w

▶ DML Commands - DELETE and SELECT

Neso Academy • 10:55 min • English

https://www.youtube.com/watch?v=9lTuR0RfKz8

27. Data retrieval commands (SELECT)

▶ SQL - SELECT DISTINCT Statement - W3Schools.com

w3schools.com • 1:45 min • English

https://www.youtube.com/watch?v=yuYKEx6VDPE

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▶ SQL: SELECT DISTINCT | with Example | DBMS Lecture-46 | Shanu Kuttan | Hindi

Shanu Kuttan CSE Classes • 7:21 min • Hindi

https://www.youtube.com/watch?v=sLJDBZqw6F8

28. Types of operators — arithmetic, comparison and logical

▶ SQL: Arithmetic, Relational, Concatenation and Logical Operators | Oracle Database

Learn Coding • 11:21 min • Hindi

https://www.youtube.com/watch?v=vswFkZZzz9Q

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सभी videos उनके अपने YouTube channels की संपत्ति हैं; links केवल अध्ययन के लिए साझा किए गए हैं। KAMALDNP द्वारा आधिकारिक BTEUP 2026-27 syllabus से तैयार।

