**DBMS TASK 1**

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| **sno** | **Name** | **Features** | **Limitations** | **Open /**  **commercial** | **Developed**  **company** | **Version** | **Usage of**  **Software** | **Applications** | **Security** | **Supported**  **Os** | **Developed**  **Year** | **Data model** | **Research**  **Area** |
| **1** | **PostgreSQL** | **User-defined types,**  **Table inheritance** | **coloums per table 1600** | **open source** | **PostgreSQL Global Development Group** | **14.0** | **primary data store for many web, mobile** | **Uber**  **Netflix**  **Instagram**  **Spotify** | **Unix Domain sockets, TCP/IP sockets, and firewalls. SSL/TLS** | **macOS, Windows, Linux, FreeBSD, OpenBSD** | **8 July 1996** | **relational model** | **financial data analysis,**  **jet engine performance monitoring, medical information** |
| **2** | **MySQL** | **complete atomic, durable transaction support; multi-version transaction support** | **hard limit of 4096 columns per table** | **open-source** | **Oracle Corporation** | **8.0.28** | **data warehousing, e-commerce, and logging** | **Airbnb.**  **Shopify.**  **Netflix.**  **Pinterest.**  **Amazon.**  **Udemy.** | **fine-grained authorization and controls, and data encryption** | **linux, Solaris, macOS, Windows, FreeBSD** | **23 May 1995** | **Relational model** |  |
| **3** | **Microsoft SQL Server** | **transaction processing, business intelligence, analytics applications** | **Expensive,Complex performance tuning features** | **commercial** | **Microsoft** | **15.0** |  | **Bank of America,**  **DELL** | **SSL/TLS,Windows Data Protection API (DPAPI)** | **Linux, Microsoft Windows Server, Microsoft Windows** | **April 24, 1989** |  | **The technology industry** |
| **4** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |  |  |  |  |  |  |  |
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