LMS Optimization:
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MySQL Database configuration is done based on the following parameters:
1). Workload
   - server's role(either testing, development, production, etc.)
   - Wheather this server is dedicated server?
   - What type of workload will this server receive(OLTP, OLAP, etc.)
2). Server details:
   - Where the server hosted(either in cloud, dedicated hardware, etc.)
   - How many CPU's do you have?
   - What operating system are you using?
3). Basic Settings:
   - MySQL server version
   - Specify the data directory
   - Storage engine
4). Storage Engine settings(Here we are using InnoDB)
   - Configure the InnoDB buffer pool, log files, InnoDB durability, binary logging, etc.
5). Configuring Caches and Limits:
   - Configure thread cache, key buffer, connection limit, table cache, etc.