Ensuring data security and compliance with regulations Managing and maintaining the performance of databases Ensuring high availability and disaster recovery Dealing with database corruption and data loss Balancing the need for data access with data protection Keeping up with evolving technologies and best practices Managing and optimizing database storage Troubleshooting database performance issues Dealing with database scalability challenges Handling database migrations and upgrades Managing database backups and recovery processes Dealing with database fragmentation and index maintenance Resolving conflicts between different database users and applications Ensuring data consistency and integrity Dealing with bottlenecks and performance tuning Managing and monitoring database access and permissions Handling database replication and synchronization Troubleshooting database connectivity issues Dealing with database schema changes and versioning Ensuring data quality and accuracy Dealing with database connection pooling and resource management Managing and optimizing SQL queries Handling database server configuration and tuning Dealing with database corruption and data recovery Resolving conflicts between different database technologies

Managing and maintaining database backups Troubleshooting database replication issues Dealing with database migration and upgrade challenges Balancing the need for data access with data protection Ensuring data consistency and integrity Managing database storage and capacity planning Handling database indexing and query optimization Troubleshooting database performance issues Dealing with database security vulnerabilities Managing and monitoring database access and permissions Handling database replication and synchronization Dealing with database schema changes and versioning Ensuring data quality and accuracy Managing database connection pooling and resource management Dealing with database server configuration and tuning Handling database clustering and high availability Troubleshooting database connectivity issues Managing and maintaining database backups and recovery Dealing with database corruption and data loss Resolving conflicts between different database users and applications Balancing the need for data access with data protection Ensuring data consistency and integrity Managing database storage and capacity planning Handling database indexing and query optimization Troubleshooting database performance issues