## Make .exe file of python app.py

**pip install pyinstaller  
pyinstaller --onefile app.py**

## SQL Commands:

**CREATE SCHEMA `anomaly\_detection` ;**

#### register

CREATE TABLE `anomaly\_detection`.`register` (  
 `id` INT NOT NULL AUTO\_INCREMENT,  
 `name` VARCHAR(45) NOT NULL,  
 `email` VARCHAR(45) NOT NULL,

`password` VARCHAR(45) NOT NULL,  
 PRIMARY KEY (`id`),  
 UNIQUE INDEX `id\_UNIQUE` (`id` ASC) VISIBLE,  
 UNIQUE INDEX `email\_UNIQUE` (`email` ASC) VISIBLE);

INSERT INTO `anomaly\_detection`. ` register ` (`name`, `email`, `password`) VALUES ('admin', 'admin@cyberevolve.com', ’admin@123’);

ALTER TABLE `anomaly\_detection`.`login`   
RENAME TO `anomaly\_detection`.`register` ;

ALTER TABLE `anomaly\_detection`.`login`   
ADD COLUMN `password` VARCHAR(45) NULL AFTER `email`;

UPDATE `anomaly\_detection`.`login` SET `password` = 'admin@123' WHERE (`id` = '1');

#### Newsletter

CREATE TABLE `anomaly\_detection`.`newsletter` (  
`id` INT NOT NULL AUTO\_INCREMENT,  
`email` VARCHAR(45) NULL,  
PRIMARY KEY (`id`),  
UNIQUE INDEX `id\_UNIQUE` (`id` ASC) VISIBLE,  
UNIQUE INDEX `email\_UNIQUE` (`email` ASC) VISIBLE);

INSERT INTO `anomaly\_detection`.`newsletter` (`email`) VALUES ('priyansh@cyberevolve.com');

#### Contact\_us

CREATE TABLE `anomaly\_detection`.`contact\_us` (  
`id` INT NOT NULL AUTO\_INCREMENT,  
`name` VARCHAR(45) NOT NULL,  
`email` VARCHAR(45) NOT NULL,  
`subject` VARCHAR(45) NOT NULL,  
`message` VARCHAR(45) NOT NULL,  
PRIMARY KEY (`id`),  
UNIQUE INDEX `id\_UNIQUE` (`id` ASC) VISIBLE);

INSERT INTO `anomaly\_detection`.`contact\_us` (`name`, `email`, `subject`, `message`) VALUES ('kaushik', 'kaushik@gmail.com', 'inquiry', 'how can i secure my device from cyberthreats');

#### **ConfigML**

CREATE TABLE `anomaly\_detection`.`config\_ml` (  
`id` INT NOT NULL AUTO\_INCREMENT,  
`category` VARCHAR(45) NOT NULL,  
`name` VARCHAR(45) NOT NULL,  
PRIMARY KEY (`id`));

INSERT INTO config\_ml (category, name) VALUES ('database', 'Test\_data'), ('database', 'Firewall'), ('database', 'Windows'), ('database', 'Cisco'), ('cleaning', 'Clean\_data'), ('cleaning', 'Handle\_null\_values'), ('cleaning', 'Remove\_outliers'), ('cleaning', 'Balance\_data'), ('formatting', 'Lebel\_encoding'), ('formatting', 'One\_hot\_encoding'), ('formatting', 'Hash\_encoding'), ('formatting', 'HashingTF\_Encoding'), ('feature\_scaling', 'Standered\_scaler'), ('feature\_scaling', 'Robust\_scaler'), ('feature\_scaling', 'Minmax\_scaler'), ('feature\_scaling', 'MinAbs\_scaler'), ('feature\_scaling', 'Bucketizer'), ('feature\_selection', 'Chisqselector'), ('select\_model', 'Random\_forest'), ('select\_model', 'K\_means'), ('select\_model', 'Linear\_regression'), ('select\_model', 'Logistic\_regression'), ('select\_model', 'Linear\_SVM');

#### **user\_selection**

CREATE TABLE `anomaly\_detection`.`user\_selections`(  
`id` INT AUTO\_INCREMENT PRIMARY KEY,  
`userid` INT NOT NULL,  
`timestamp` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,  
`database\_selection` VARCHAR(55) NOT NULL,  
`cleaning\_selection` VARCHAR(55) NOT NULL,  
`formatting\_selection` VARCHAR(55) NOT NULL,  
`scaling\_selection` VARCHAR(55) NOT NULL,  
`feature\_selection` VARCHAR(55) NOT NULL,  
`model\_selection` VARCHAR(55) NOT NULL,  
FOREIGN KEY (`userid`) REFERENCES `anomaly\_detection`.`register` (`id`)  
);

INSERT INTO `anomaly\_detection`.`user\_selections` (`userid`, `database\_selection`, `cleaning\_selection`, `formatting\_selection`, `scaling\_selection`, `feature\_selection`, `model\_selection`) VALUES ('3', 'test\_data', 'Clean\_data', 'Lebel\_encoding', 'Standered\_scaler', 'Chisqselector', 'Random\_forest');