Prototype 1:

```
!pip install requests pandas scikit-learn
            elif humidity[i] < 70:</pre>
```

```
score += 2
X = self.training data.drop('irrigate', axis=1)
y = self.training_data['irrigate']
   current url =
```

```
probability = self.model.predict proba(input data)[0]
def demo mode():
```

```
demo advisor = DemoAdvisor()
# Main execution
   demo mode()
        def run with api():
                       city = input("Enter your city name: ").strip()
if city.lower() == 'quit':
```

Prototype 2:

```
import warnings
       self.demo data = {
           base url = "https://api.data.gov.in/resource/9ef84268-d588-465a-a308-a864a43d0070"
               'api-key': self.api key,
            response = requests.get(base_url, params=params, timeout=10)
```

```
return self.fetch commodity prices(commodity, days)  # Fallback to demo
               return self.fetch commodity prices(commodity, days) # Fallback to demo
       predicted price = self.model.predict(next day)[0]
a, 1 {predicted price:.2f}"
       except Exception as e:
```

```
if not api key:
```

Prototype 3:

```
return pd.DataFrame (matches)
crop = input("Enter your crop: ").strip()
amount = int(input("Enter desired loan amount (in INR): ").strip())
```

```
eligible = check_affordability(amount, row)
    line = f"{row['name']} ({row['type']}), Max Loan: ₹{row['max loan lakh']}L, Interest: {row['interest rate']}% -

"
    line += "Eligible" if eligible else "Not eligible"
    advice_lines.append(line)

advice = "\n".join(advice_lines)
    print("\n" + translate(advice, lang))

# Run

if name == " main ":
    run_credit_advisor()
```