# CODE

```
import torch
from transformers import AutoTokenizer, AutoModelWithLMHead
from deep_translator import GoogleTranslator



tokenizer=AutoTokenizer.from_pretrained('T5-base')
model=AutoModelWithLMHead.from_pretrained('T5-base', return_dict=True)

sequence=input("Enter the text to get summarized")

inputs=tokenizer.encode("sumarize: " +sequence,return_tensors='pt', max_length=512, truncation=True)
output = model.generate(inputs, min_length=80, max_length=100)

summary=tokenizer.decode(output[0])
print("Summarized Text:")
print(summary)



target=input("Enter the language code to get summarized into:")
translated = GoogleTranslator(source='auto', target=target).translate(summary)
print(translated)
```

# LANGUAGE CODES

'afrikaans': 'af',
'albanian': 'sq',
'amharic': 'am',
'arabic': 'ar',
'armenian': 'hy',
'assamese': 'as',
'aymara': 'ay',
'azerbaijani': 'az',
'bambara': 'bm',
'basque': 'eu',
'belarusian': 'be',
'bengali': 'bn',
'bhojpuri': 'bho',
'bosnian': 'bs',
'bulgarian': 'bg',
'catalan': 'ca',
'cebuano': 'ceb',
'chichewa': 'ny',
'chinese (simplified)': 'zh-CN',
'chinese (traditional)': 'zh-TW',
'corsican': 'co',
'croatian': 'hr',
'czech': 'cs',
'danish': 'da',
'dhivehi': 'dv',
'dogri': 'doi',
'dutch': 'nl',
'english': 'en'.

esperanto: eo,
'estonian': 'et',
'ewe': 'ee',
'filipino': 'tl',
'finnish': 'fi',
'french': 'fr',
'frisian': 'fy',
'galician': 'gl',
'georgian': 'ka',
'german': 'de',
'greek': 'el',
'guarani': 'gn',
'gujarati': 'gu',
'haitian creole': 'ht',
'hausa': 'ha',
'hawaiian': 'haw',
'hebrew': 'iw',
'hindi': 'hi',
'hmong': 'hmn',
'hungarian': 'hu',
'icelandic': 'is',
'igbo': 'ig',
'ilocano': 'ilo',
'indonesian': 'id',
'irish': 'ga',
'italian': 'it',
'japanese': 'ja',
'javanese': 'jw',
'kannada': 'kn',
'kazakh': 'kk',
'khmer': 'km',
'kinyarwanda': 'rw',
'konkani': 'gom',
'korean': 'ko',
'krio': 'kri',

'kurdish (kurmanji)': 'ku',
'kurdish (sorani)': 'ckb',
'kyrgyz': 'ky',
'lao': 'lo',
'latin': 'la',
'latvian': 'lv',
'lingala': 'ln',
'lithuanian': 'lt',
'luganda': 'lg',
'luxembourgish': 'lb',
'macedonian': 'mk',
'maithili': 'mai',
'malagasy': 'mg',
'malay': 'ms',
'malayalam': 'ml',
'maltese': 'mt',
'maori': 'mi',
'marathi': 'mr',
'meiteilon (manipuri)': 'mni-Mtei'
'mizo': 'lus',
'mongolian': 'mn',
'myanmar': 'my',
'nepali': 'ne',
'norwegian': 'no',
'odia (oriya)': 'or',
'oromo': 'om',
'pashto': 'ps',
'persian': 'fa',
'polish': 'pl',
'portuguese': 'pt',
'punjabi': 'pa',
'quechua': 'qu',
'romanian': 'ro',
'russian': 'ru',

'samoan': 'sm',
'sanskrit': 'sa',
'scots gaelic': 'gd',
'sepedi': 'nso',
'serbian': 'sr',
'sesotho': 'st',
'shona': 'sn',
'sindhi': 'sd',
'sinhala': 'si',
'slovak': 'sk',
'slovenian': 'sl',
'somali': 'so',
'spanish': 'es',
'sundanese': 'su',
'swahili': 'sw',
'swedish': 'sv',
'tajik': 'tg',
'tamil': 'ta',
'tatar': 'tt',
'telugu': 'te',
'thai': 'th',
'tigrinya': 'ti',
'tsonga': 'ts',
'turkish': 'tr',
'turkmen': 'tk',
'twi': 'ak',
'ukrainian': 'uk',
'urdu': 'ur',
'uyghur': 'ug',
'uzbek': 'uz',
'vietnamese': 'vi',
'welsh': 'cy',
'xhosa': 'xh',
'yiddish': 'yi',

# RESULT

```
Enter the text to get summarized Data science is an interdisciplinary field[10] focused on extracting knowledge from typically large data sets and applyi
ng the knowledge and insights from that data to solve problems in a wide range of application domains.[11] The field encompasses preparing data for analy
sis, formulating data science problems, analyzing data, developing data-driven solutions, and presenting findings to inform high-level decisions in a bro
ad range of application domains. As such, it incorporates skills from computer science, statistics, information science, mathematics, data visualization,
information visualization, data sonification, data integration, graphic design, complex systems, communication and business.[12][13] Statistician Nathan
Yau, drawing on Ben Fry, also links data science to human-computer interaction: users should be able to intuitively control and explore data.[14][15] In
2015, the American Statistical Association identified database management, statistics and machine learning, and distributed and parallel systems as the t
hree emerging foundational professional communities
Summarized Text:
<pad> data science is an interdisciplinary field focused on extracting knowledge from typically large data sets. it incorporates skills from computer sci
ence, statistics, information science, mathematics, data visualization, information visualization, data sonification, graphic design, complex systems, co
mmunication and business. the field encompasses preparing data for analysis, formulating data science problems, analyzing data, developing data-driven so
lutions.</s>
```

Summarization part

```
Enter the language code to get summarized into: es
<pad> la ciencia de datos es un campo interdisciplinario centrado en extraer conocimiento de conjuntos de datos típicamente grandes. incorpora habilidade
s de informática, estadística, ciencias de la información, matemáticas, visualización de datos, visualización de información, sonificación de datos, dise
ño gráfico, sistemas complejos, comunicación y negocios. el campo abarca la preparación de datos para el análisis, la formulación de problemas de ciencia
de datos, el análisis de datos y el desarrollo de soluciones basadas en datos.</s>
```

Translation into spanish