Document Summaries

File: AI.txt
Summary: Artificial intelligence (AI) refers to the ability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning, and decision-making. It is a key area of computer science research focused on developing systems that can perceive environments and make decisions to achieve specific goals. High-profile applications of AI include web search engines, recommendation systems, virtual assistants, autonomous vehicles, generative tools, and strategic game play. Many AI technologies have become so integrated into everyday applications that they are no longer recognized as AI. AI research encompasses various subfields, including learning, reasoning, and natural language processing, and utilizes a range of techniques such as neural networks and optimization methods. AI also draws from disciplines like psychology and neuroscience. The field, established in 1956, has experienced cycles of optimism and setbacks, known as AI winters, but has seen significant growth since 2012 due to advancements in deep learning and neural networks. The recent AI boom, particularly in generative AI, has resulted in ethical concerns and discussions about regulation to manage potential risks and ensure beneficial outcomes.

File: Assignment_Document_Summarize.pdf
Summary: The document outlines an assignment to develop an application that connects to a Google Drive folder, accesses various document formats (such as PDFs, DOCXs, and TXTs), and uses an AI model to summarize their contents. The application should authenticate with Google using OAuth2 to access a specific folder in Google Drive and list and download documents. It requires parsing text from these documents using libraries like PyMuPDF, python-docx, or pdfplumber. The summarization task is to be performed using OpenAI GPT or another AI model, with the output including the file name and a short summary of 5-10 sentences. The results should be displayed on a simple web interface using Flask or FastAPI, or alternatively, outputted to the console. The summaries should also be available for download in a CSV or PDF report and displayed in a styled HTML table with file links. Deliverables include a GitHub repository link with a README.md for setup instructions, and the code should cover Google Drive integration, document parsing, AI summarization, and output rendering.

File: Shuba Sarkar AIML Engineer Resume.docx
Summary: Shuba Sarkar is an AI/ML Engineer with over a year of experience in applying machine learning and artificial intelligence to optimize business operations and automate workflows. She is skilled in developing end-to-end machine learning solutions, from data processing to deployment and monitoring, and is currently working on AI-driven projects at Bandhan Bank Limited. One of her key projects includes creating a generative AI-powered chatbot for internal knowledge retrieval, which significantly improved IT and operations support resolution speed by 50%. She also developed an AI-powered UI design quality scoring tool, enhancing design review efficiency by 40%. Shuba has previous experience as a Data Analyst Virtual Intern at KPMG AU, where she prepared operational data and built Power BI dashboards. She holds an MBA and PGP in Business Analytics and Data Science, a BTech in Computer Science, and has completed several certifications in AI/ML and data science. Shuba is proficient in various programming languages, frameworks, and tools,

including Python, TensorFlow, PyTorch, and Node.js, and has expertise in databases such as PostgreSQL and MongoDB.