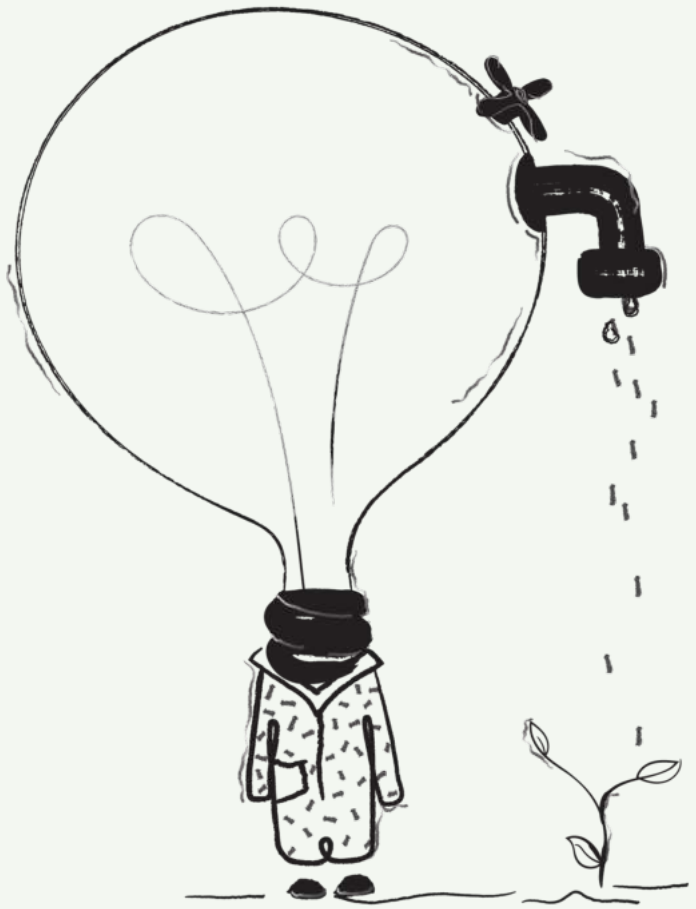
BigKitty Labs

AI APPLICATIONS FOR CITY AND COUNTY OFFICIALS

An overview of how artificial intelligence (AI) can be leveraged to enhance efficiency and service delivery in city and county government operations.



DISCUSSION AREAS

- AI can transforming city and county operations with tools like ChatGPT, Gemini, and tailored made chat bots.
- These technologies streamline tasks, improve decision-making, and enhance service delivery.
- From automating correspondence to real-time transcription and data-driven insights, discover practical ways to reduce administrative burdens and elevate community impact.

UNDERSTANDING ARTIFICIAL INTELLIGENCE

BigKitty Labs

Definition of AI

AI refers to systems designed to replicate human-like learning and reasoning.

Learning Capabilities

AI systems enhance their performance by learning from data, improving decision-making.

Reasoning Processes

AI can analyze situations and make informed decisions based on logical reasoning.

Decision-Making

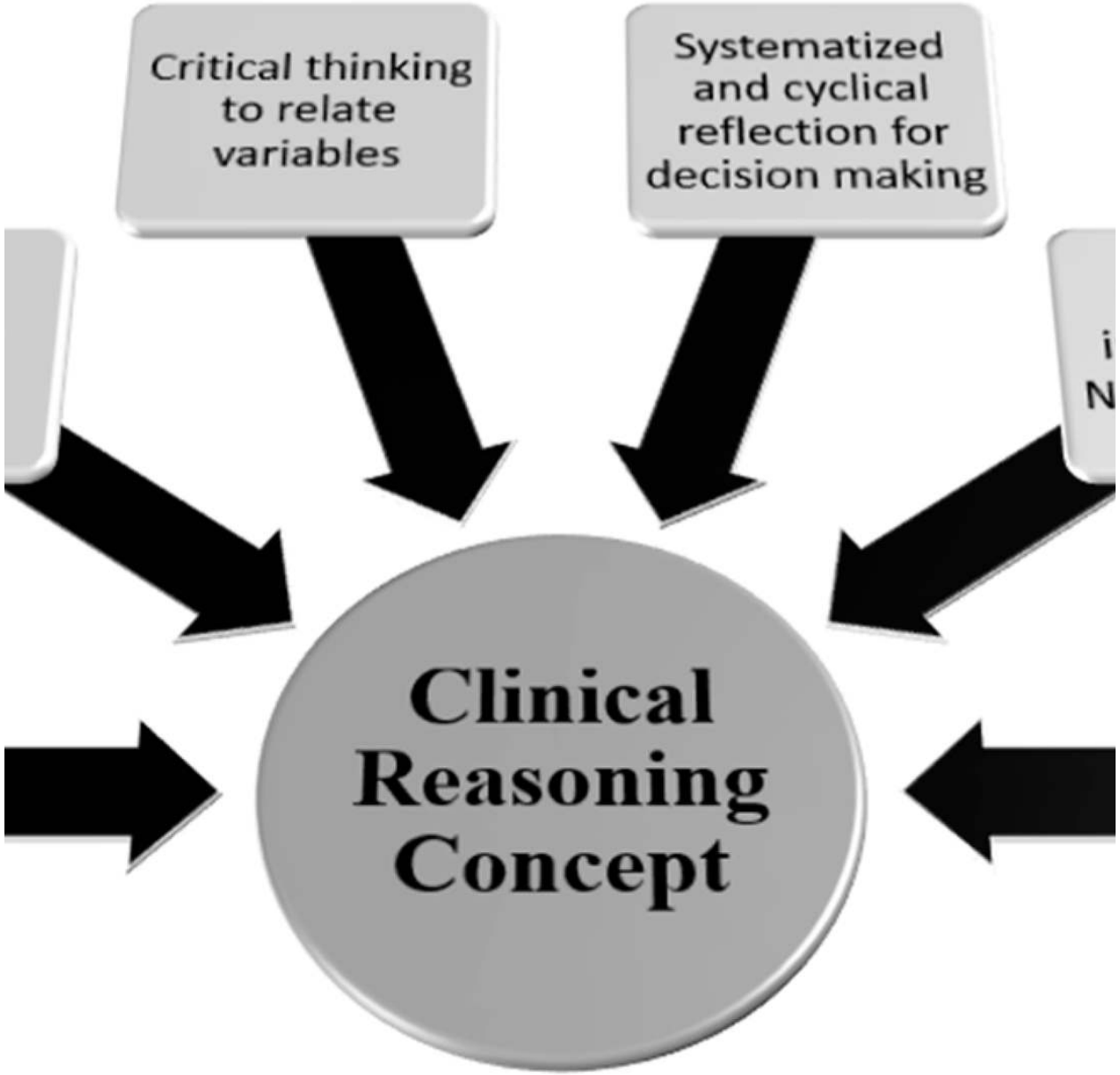
AI assists in making decisions efficiently, impacting various sectors positively.

Key AI Tools

ChatGPT, Google Gemini, and Claude are notable AI tools with distinct applications.

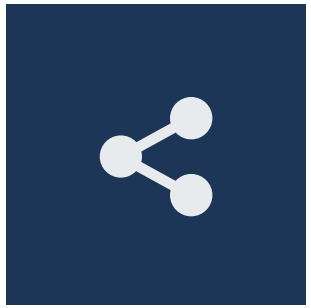
REASONING PROCESSES

AI systems possess the ability to analyze complex situations and make informed decisions through the application of logical reasoning. By processing data, identifying patterns, and drawing conclusions, AI can navigate ambiguity and formulate strategies that optimize outcomes.



DECISION-MAKING

Improved Efficiency



Enhanced Service Delivery

Data-Driven Decision-Making

Cost Savings

KEY AI TOOLS

ChatGPT	DALL-E	Grammarly
Synthesia	Copy.ai	Descript, Inc.
GitHub Copilot	Notion	Claude

EXAMPLE OF AI CHAT BENEFITS

Conversational Expertise

Natural language skills enhance customer engagement and user understanding.

Personalized Responses

Tailors its style to users, crafting personalized experiences.

Knowledge-Driven Insights

Its extensive knowledge enables effective customer query responses.

Multilingual Capabilities

Multilingual communication enhances customer satisfaction and accessibility.

AI-POWERED CORRESPONDENCE GENERATION

BigKitty Labs

Input Main Points

Officials provide key details; AI drafts structured letters.

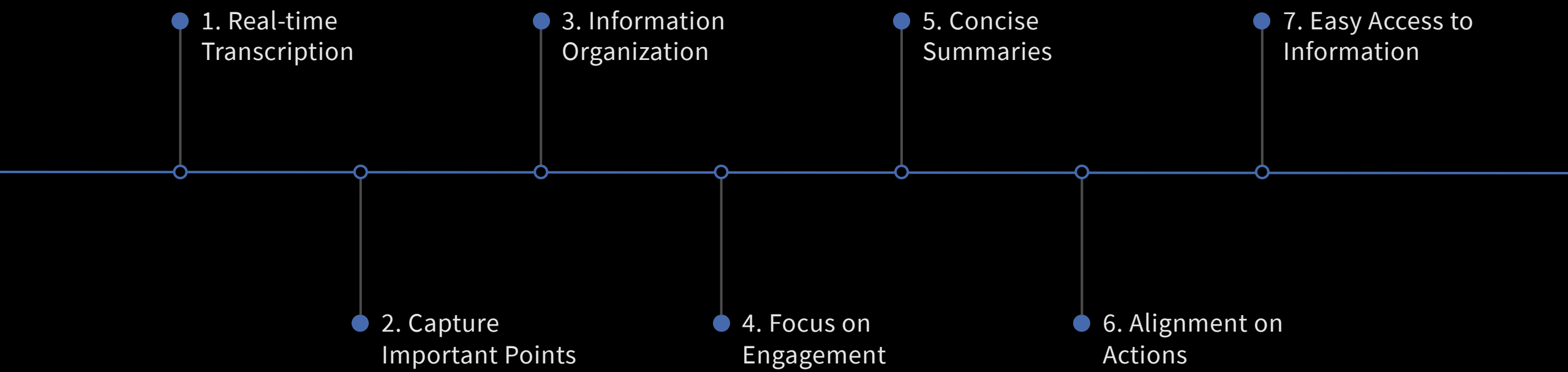
Automated Drafting

The AI-powered tool efficiently drafts letters, cutting writing time.

Consistent Communication

The AI ensures consistent tone, format, and quality in official letters.

AI-ENHANCED NOTE-TAKING & MOM



AI-DRIVEN DOCUMENT SUMMARIZATION

BigKitty Labs

RESEARCH REPORT EXECUTIVE SUMMARY TEMPLATE – EXAMPLE

PROJECT TOPIC	The Impact of Remote Work on Employee Productivity		
NAME	Jane Doe	DATE	December 3, 20XX

REPORT INTRO

In this report, we examine the effects of remote work on employee productivity. With the increasing trend toward remote working, understanding its impact on work efficiency and employee satisfaction has become crucial for businesses globally. This report aims to provide insights into how remote working conditions influence productivity and to offer guidance for companies adapting to this change.

BACKGROUND

The concept of remote work gained significant momentum during the COVID-19 pandemic, altering traditional work environments. As companies transitioned to remote settings, concerns about maintaining productivity levels arose. This report explores historical data, recent studies, and surveys to understand the long-term impacts of remote work on employee output and morale.

RESEARCH METHODS

Our research methodology included a comprehensive literature review, an analysis of productivity metrics from various companies before and after implementing remote work, and surveys conducted with employees and managers. Additionally, in order to gain qualitative insights, we conducted case studies with three organizations that transitioned to remote work.

CONCLUSIONS

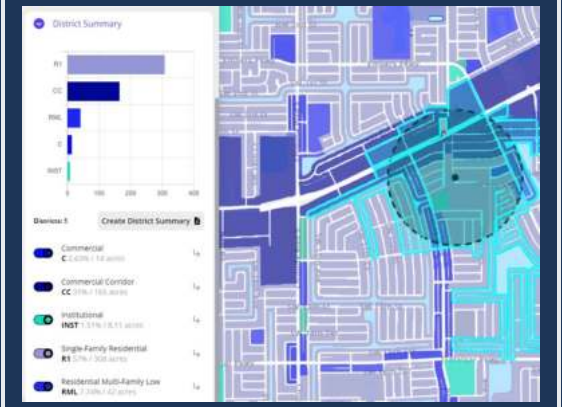
The findings suggest that remote work can lead to increased productivity due to factors like reduced commute times and flexible work hours. However, the research also shows that remote work presents challenges, such as difficulty communicating and collaborating with one's coworkers and the disruption of one's work-life balance. The effects vary significantly across different industries and individual employee circumstances.

RECOMMENDATIONS

Based on our research, we recommend the following to companies adopting remote work:

1. Implement flexible but structured work policies to balance autonomy and accountability.
2. Invest in digital collaboration tools and training to enhance communication.
3. Monitor and address employee well-being and work-life balance on a regular basis.
4. Customize approaches based on departmental needs and individual employee feedback.

Policy Report Summarization



Zoning Plan Summarization

Table 1. Knowledge, attitudes and behavior topics

Category	Description
Demographics	Gender, age, race, ethnicity, education, role, region of primary tribal affiliation, cancer diagnosis, clinical trial participation
Tobacco Use (Commercial and Ceremonial)	Frequency of use, ceremonial use, exposure to secondhand smoke (home and vehicle), Fagerstrom Test for Nicotine Dependence, self-efficacy to quit or reduce
Nutrition, Physical Activity	Number of servings of fruits/vegetables, number of minutes of daily physical activity, perceived efficacy to manage weight
Nutrition Knowledge	Fiber, saturated fats, labels, 5-a-day, weight management, causes of obesity, healthy weight loss programs
Access / Barriers to Timely / Quality Health Services	Regular or serious health condition office visits, distance to clinical settings, problems affecting ability to get care (transportation, cost of service, discrimination), how medical bills are paid, support for medical visits
Cancer Education & Screening	Factors likely to increase screening, provider referrals to screening
Intended / Future Behaviors	Intent to screen, completion of screening
Self-reported Screening Behaviors	Breast, cervix, colon, prostate
Survivors' Co-morbidities	High Blood Pressure, diabetes, heart
Cancer Knowledge	Myths, causes, spread
Cancer Attitudes and Beliefs	Early treatment, age at diagnosis, talk will spread the disease, survival
Controversial Topics	Alcohol use, other substance use, tribal controversies

Community Assessment Summarization

Meeting Minute Notes

AI CHAT SOLUTIONS FOR BETTER COMMUNITY SERVICE

Enhanced Resident Service

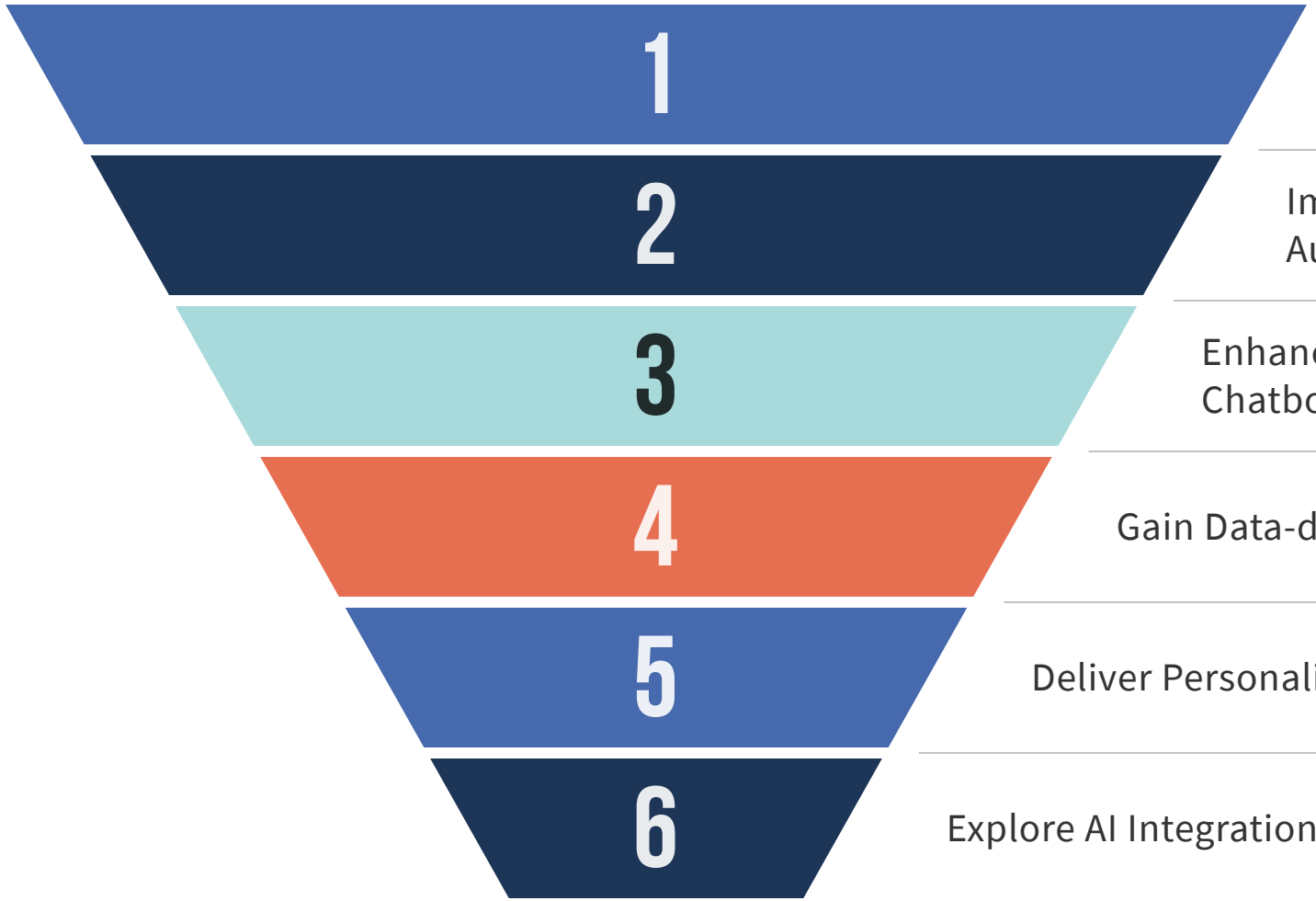
Cost Savings

Improved Efficiency

Scalable Solution

Data-Driven Insights

AI APPLICATIONS IN COUNTY OFFICES



1. Streamline Administrative Tasks with Document Automation
2. Improve Regulatory Compliance through Automated Reporting
3. Enhance Citizen Engagement with AI-powered Chatbots
4. Gain Data-driven Insights for Strategic Decision-making
5. Deliver Personalized Services for Improved Resident Satisfaction
6. Explore AI Integration Opportunities for Increased Efficiency

You've heard from us.

WE WANT TO HEAR FROM YOU.

Tushar Kulkarni

614-329-6950

tushar@bigkittylabs.com

Morgan Koth

614-596-4183

morgan@bigkittylabs.com