CorrectEnglish: AI for Writers

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Billy Joe Doe

Dr. Fish

MIS

    Networks, wireless capabilities, RFID, and their integrations are rapidly expanding and growing, changing the way we connect and do business globally. Through a major overhaul of our area and wireless networks, as well as smaller scale radio frequency application, the world is now able to efficiently connect in ways we could have never imagined. These innovations are key assets to an ever-changing global business environment as well as an asset to our everyday life. Their implementations have brought about rapid growth, and through these applications, have given us access to a world of almost instant knowledge and communication. In this essay we will discuss these integrations, as well as one of its most successful and effective by-products, the Google search.

    Firstly, we will discuss the giants. LAN, MAN, and WAN are area networks that allow us access to multiple points of communication and keep the user or users connected. LAN, or local area network, is a network that connects computers and devices within a limited area on a personal level and at a smaller scale. This type of network is commonly seen in places such as a residence, a school, or a business. LAN uses Ethernet technologies most commonly and has evolved over time to now have wireless capabilities accessible from personal devices. In a LAN, desktops connected by Ethernet compatible cable, or a laptop computer connected wirelessly, communicate with the intranet through a router, firewall, and modem. The modem is connected at an internet access point through internet provider and produces a signal transmitting digital data. From there the data packets may pass through a firewall that acts as a barrier to prevent users or incoming data without LAN access credentials from sending data through to the network. Once through the firewall, the data goes through a router, or network switch. A router, commonly used in a residential setting, creates relationship between devices and acts as a central connection point. These can be used both wired and wireless. A network switch is more commonly used in a setting that has multiple connected Ethernet cables, and connects those devices allowing them to receive data or send data to a desired destination. Overall, the LAN is used to connect devices to an intranet but may possibly have internet capabilities. The WAN, or wide area network, is the largest of area networks, spanning regions, continents, and the world. The internet is considered a WAN, as it connects devices on a broader scale. WAN is used to connect networks so that users can connect with other users in locations near and far. Although WANs can be private, Internet service providers utilize WANs to give access to LANs and other networks communication over internet applications through telephone lines, radio wave technology, and fiber optics. MAN, or metropolitan area network, resides over metropolitan areas. This is described as a network that connects LANs in a metropolitan area to a larger network, such as the WAN.

    The wireless evolution is changing the way we connect on a personal and professional level. The up and coming 5G is the fifth installment of a rapidly growing internet capable world and is set to play a greater role than the previous. 5G is said to not only connect us with internet access, but also interconnect and control devices at a faster, more efficient rate. Some

Performance

Organization

Style

Overall

Focus

Content

Writing Statistics

1130

Words

66

Sentences

Grammar   Comments   Sharing   Help   Stats

Fall 2020 Field Experiment
CorrectEnglish software
CIT 3013 – Dev Essays (each is 2.5% of course grade)
N=69 students

Observation 1   Treatment   Observation 2

Developmental Essay 1   *CorrectEnglish*   Developmental Essay 2
(AI scored)   (AI scored)

MEAN grade = 84.97   MEAN grade = 90.30
STDEV = 10.90   STDEV = 9.51

Paired samples t-test:

P(T<=t) one-tail	0.000665859
t Critical one-tail	1.667572281
P(T<=t) two-tail	0.001331719
t Critical two-tail	1.995468931

Fall 2020 Field Experiment
CorrectEnglish software
CIT 3013 - Essay Exams (each is 25% of course grade)
N=72 students

Treatment	Observation 1	Observation 2
CorrectEnglish	CIT Essay Exam 1 (Prof scored)	CIT Essay Exam 2 (Prof scored)
	MEAN grade = 79.23 STDEV = 16.43	MEAN grade = 83.43 STDEV = 13.79

Paired samples t-test:

P(T<=t) one-tail	0.000665859
t Critical one-tail	1.667572281
P(T<=t) two-tail	0.001331719
t Critical two-tail	1.995468931

Westbrook , R.A., (1980)

"A Rating Scale for Measuring Product/Service Satisfaction"

Journal of Marketing

Vol. 44, No. 4, pp. 68-72

How do you feel about CorrectEnglish software? *

	1	2	3	4	5	6	7	
Terrible	O	O	O	O	O	O	O	Delighted

Overall, how satisfied have you been with CorrectEnglish software? *

	1	2	3	4	5	6	7	
Not Satisfied at All	O	O	O	O	O	O	O	Completely Satisfied

To what extent does CorrectEnglish software meet your needs?

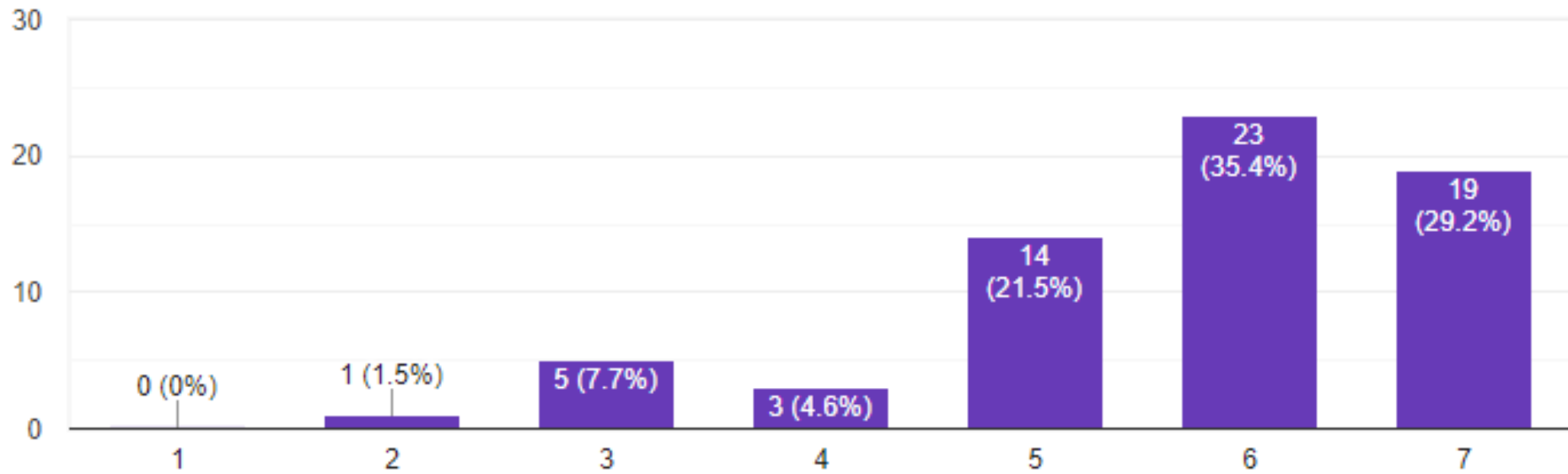|	1	2	3	4	5	6	7	
Extremely Poorly	O	O	O	O	O	O	O	Extremely Well

How do you feel about CorrectEnglish software?
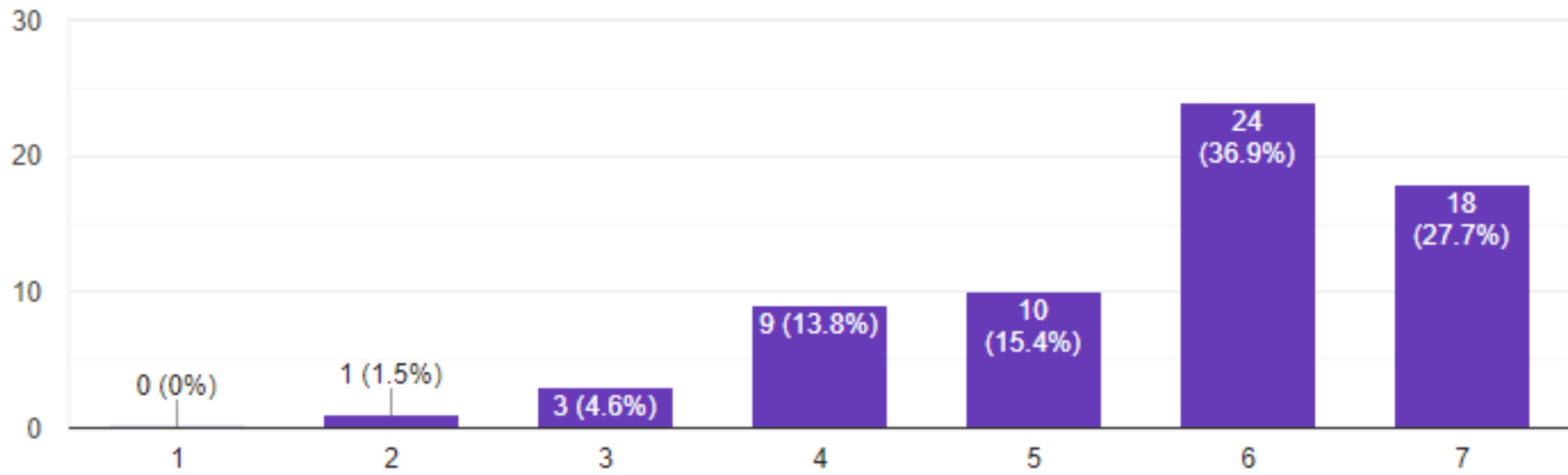
65 responses
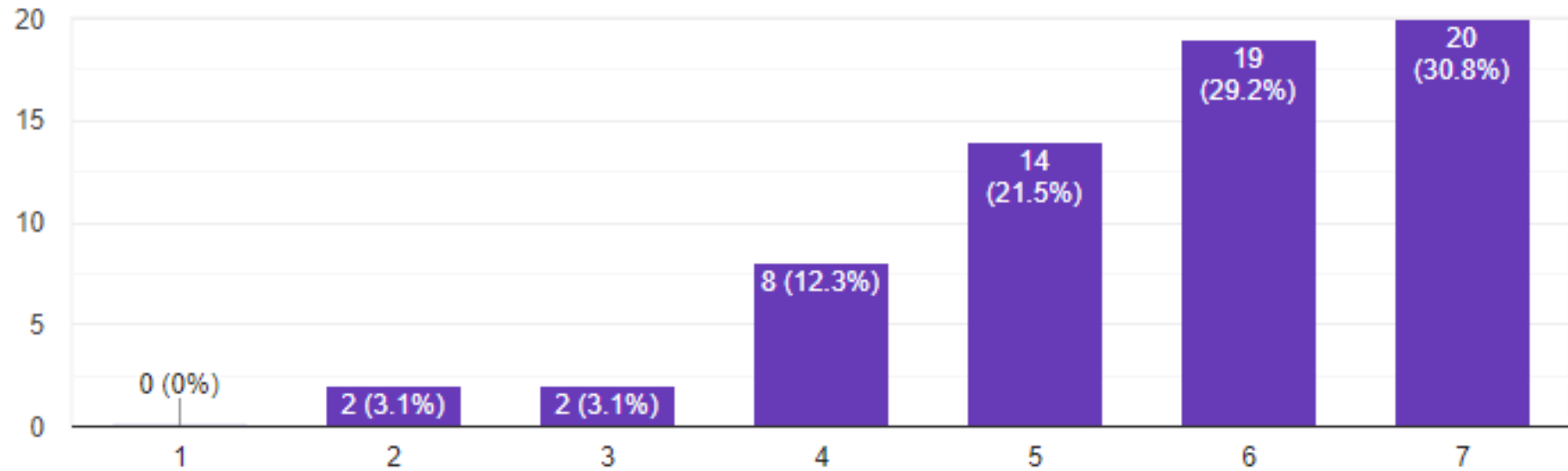
Overall, how satisfied have you been with CorrectEnglish software?

65 responses

To what extent does CorrectEnglish software meet your needs?

65 responses

Questions?