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Ch-sha,cha,ka

Ga{I,e,u}-ja

Cvc-Swimming

V,u{not end letters]-e{you}(e)

Do family(you,they....)-cry {Y before if consonant IES

Does family(he,she,it,ramu)-cries

Play-plays

Lie-lying

Q,U(question)

Sigle syllabic words {doll,tall}

Short vowal sounds - ck{bucket}

double vowel sounds - k{book}

stochastic

- 1. having a random probability distribution or pattern that may be <u>analysed</u> statistically but may not be predicted precisely.
- 2. Viterbi decoding is a problem-solving technique used in computer science to search for the most likely sequence of states in a stochastic process, by considering the random variables associated with the costs of the search.

curated

- 3. (of online content, merchandise, information, etc.) selected, organized, and presented using professional or expert knowledge
- 4. Direct Sequence Spread Spectrum is a powerful technique in wireless communication, offering advantages like resistance to interference, enhanced security, and increased network capacity. Its applications in Wi-Fi and GPS underline its importance in our daily lives.
- Modulation is the process of converting data into electrical signals optimized for transmission. Modulation techniques are roughly divided into four types: Analog modulation, Digital modulation, Pulse modulation, and Spread spectrum method.
- Binary Phase Shift Keying (BPSK) is a modulation technique employed in communication systems to transmit information via a communication channel. In BPSK the carrier signal is modified by altering its phase by 180 degrees, for each symbol
- 7. Offset quadrature phase-shift keying (OQPSK) is a variant of phase-shift keying modulation using four different values of the phase to transmit. It is sometimes called staggered quadrature phase-shift keying (SQPSK).
- 8. Temporal multiplexing
- 9. A multiplexer, sometimes simply referred to as "mux," is a device that selects between a number of input signals. In its simplest form, a multiplexer will have two signal inputs, one

- control input, and one output. An everyday example of a multiplexer is the source selection control on a home stereo unit.
- 10. Low Duty Cycle (LDC, sometimes just Duty Cycle) by definition means switching something periodically on and off.