adarga

Insight among the pines: connect the nodes to decorate our AI–themed Christmas tree

It's that time of year to spare a thought for Santa who, faced with an overabundance of 'naughty/ nice' data, needs to make high-stakes decisions under immense time pressure. We'd recommend Mr Clause use AI software like Adarga Vantage to help surface those insights that would make operations a little smoother this year. It's Vantage that inspired the AI-themed puzzle below. With your analyst's hat on, can you fill in the nodes to uncover the words and decorate the tree?

INSTRUCTIONS

1 → Work out each clue and use the first letter of your answer to fill in the matching numbered node. (You can add each letter digitally by clicking the node.)

2 → See if you can string together all seven words – and work out the eighth anagram hidden in the baubles.

1
Here's a problem: what do you have when what you want a machine to do matches what you've told it to do? (9)

2
Inspired by brains, this kind of network sits at the heart of machine learning (6)

3
The poetic surname of a particularly pioneering mathematician and writer, chiefly known for her work on Charles Babbage's proposed mechanical general-purpose computer, the Analytical Engine (8)

4
Serpentine language; Parseltongue for programmers (6)

5
Monégasque district that lends its name to the odds-on favourite amongst heuristic search algorithms (5, 5)

6
A structured framework for organising and representing knowledge, which is essential for the successful deployment of AI systems (8)

7
Enables machines to interpret the intent of search terms to improve the results returned and information findability, if you know what I mean. (8)

8
Bin-like astromech droid in a galaxy far, far away (4)

9
Sherlock's forte or an AI's logical deduction skill (9)

10
Any AI worth its salt will want to pass this computer scientist's test (6)

11
Surname of a British-Canadian cognitive psychologist and neural guru who recently waved goodbye to Google (6)

12
IBM's melancholy chess champion; sunk by Kasparov in '96 before resurfacing to reign in '97 (4, 4)

13
Shorter than a period but longer than age; a complete loop of learning (5)

14
A type of chip that's central (or not?) to AI development (3)

15
Feels good when you're proven right; the process of using hold-out data in order to evaluate the performance of a trained model (10)

16
It's okay if you can't get your head around this infamous comment in the context-switching code of the V6 Unix kernel (3, 3, 3, 8, 2, 10, 4)

→ **ANSWERS HERE**

WISHING YOU A
VERY MERRY CHRISTMAS
AND A HAPPY NEW YEAR

ALL THE BEST,
TEAM ADARGA