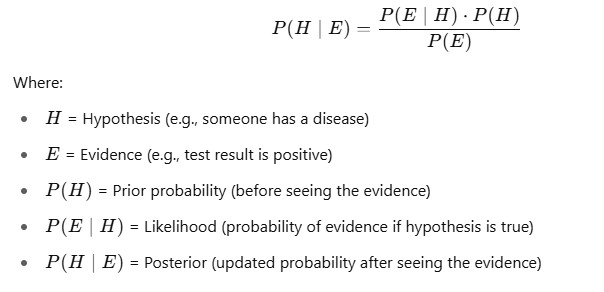
A screenshot of a computer screen

Description automatically generated



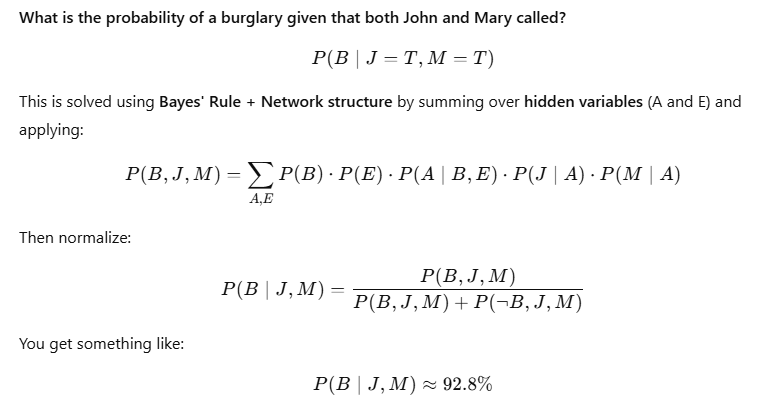
A diagram of a network

Description automatically generated

A diagram of a complex function

Description automatically generated with medium confidence





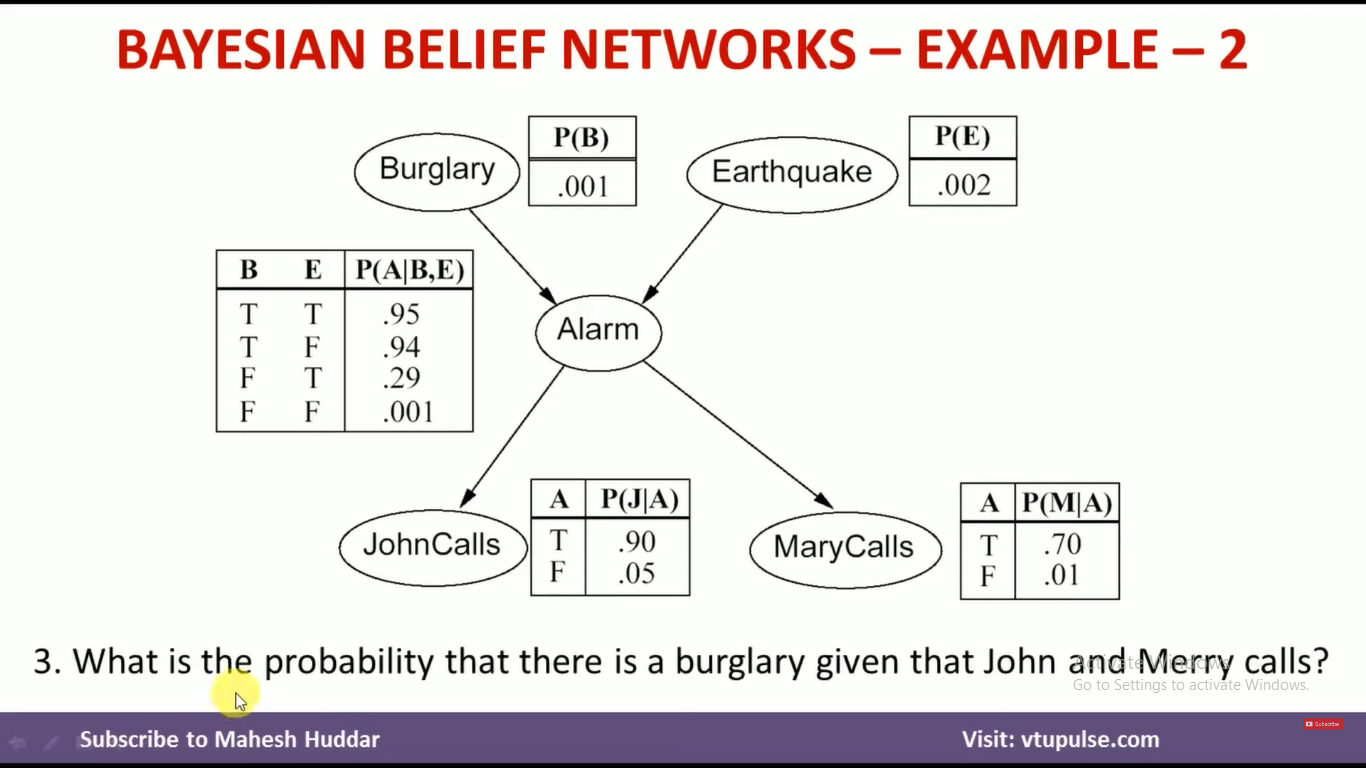
|  |  |  |
| --- | --- | --- |
| **Feature** | **Bayes’ Rule** | **Bayesian Network** |
| Purpose | Update probability with new evidence | Model and infer over multiple variables |
| Form | Single equation | Graphical model with multiple equations |
| Use Case | Binary reasoning (e.g., disease/test) | Complex systems (e.g., alarms, sensors) |
| Strength | Simplicity | Scalability and structure |

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated