Difference Between HTTP 1.1 & HTTP 2

HTTP:HYPER TEXT TRANSFER PROTOCOL

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| HTTP 1.1 | HTTP 2 |
| * Created in 1997. | * Created in 2015 |
| * Pipe lining Mechanism | * Multiplexing Mechanism |
| * Head of line problem is caused | * Some head of line problem is resoved   (TCP layer still has header blocking problem, which will be solved in HTTP/3) |
| * which allows the client to send multiple HTTP requests in parallel within the same TCP connection | * which allows the client to send multiple HTTP requests in simultaneously within the same TCP connection |
| * It works on a Textual Format | * It works on a Binary Format |
| * It compress data by itself | * It uses HPACK to compress data |
| * There is HOL blocking which blocks all the request behind it until it get’s all of it resourse | * It allows multiplexing so one TCP connection is required for multi request |
| * It request resourse inline for use getting multiple pages | * It uses PUSH frame by browser that collect all multiple pages |